

## DBaaS Ltd - Database Support Catalog Summary

### OVERVIEW STATISTICS

| Metric                     | Value |
|----------------------------|-------|
| Total Databases Supported  | 35    |
| Expert Level Support       | 17    |
| Advanced Level Support     | 12    |
| Intermediate Level Support | 6     |
| Total Team Members         | 206   |
| Average Years Experience   | 7.9+  |
| Categories Covered         | 13    |

### DATABASES BY CATEGORY

| Category                | Database Count | Team Members |
|-------------------------|----------------|--------------|
| Data Lake / Analytics   | 3              | 21           |
| Data Warehouse          | 7              | 42           |
| Distributed File System | 1              | 5            |
| Distributed SQL         | 2              | 9            |
| In-Memory Database      | 1              | 3            |
| Multi-Model             | 2              | 11           |
| NoSQL Column-Family     | 3              | 12           |
| NoSQL Document          | 3              | 14           |
| NoSQL Graph             | 1              | 4            |
| NoSQL Key-Value         | 2              | 14           |
| Relational SQL          | 7              | 55           |
| Search / Analytics      | 1              | 6            |
| Time-Series             | 2              | 10           |

| Cloud Platform      | Databases Supported |
|---------------------|---------------------|
| AWS                 | 30                  |
| Azure               | 30                  |
| Google Cloud        | 24                  |
| Oracle Cloud        | 1                   |
| Multi-Cloud Support | 28                  |

### LICENSING MODELS

| Licensing Type                    | Count |
|-----------------------------------|-------|
| Open Source                       | 21    |
| Commercial                        | 13    |
| Hybrid (Open Source + Commercial) | 11    |

## 1. SUPPLIER INFORMATION

Supplier Name:

DUNS Number:

Companies House Number:

VAT Registered No.

Website:

|                  |
|------------------|
| <b>DBAAS LTD</b> |
| 224654733        |
| 11779791         |
| 314578594        |

<https://www.dbaasLtd.com>

## G-CLOUD 15 (RM1557.15) - DATABASE SPECIALIST MARKET RATES ANALYSIS

DBAAS LTD Ltd | [www.dbaasltd.com](http://www.dbaasltd.com)

Company House No. 11779791

| Role                         | UK Median Day Rate | Low Range | High Range | London Premium | Typical Salary (Perm) | Notes                                             |
|------------------------------|--------------------|-----------|------------|----------------|-----------------------|---------------------------------------------------|
| Oracle DBA                   | £500               | £350      | £600       | £550           | £60,000               | High demand for RAC/Exadata skills                |
| Senior DBA                   | £575               | £450      | £700       | £650           | £70,000               | Lead/Principal level with architecture experience |
| Database Support Engineer    | £425               | £300      | £500       | £475           | £45,000               | 2nd/3rd line support, incident management         |
| Database Architect           | £650               | £550      | £800       | £750           | £85,000               | Enterprise design, strategy, governance           |
| Database Developer           | £500               | £400      | £600       | £550           | £55,000               | PL/SQL, T-SQL, stored procedures                  |
| Data Architect               | £600               | £500      | £750       | £700           | £80,000               | Data modelling, warehousing, governance           |
| Data Specialist              | £525               | £400      | £650       | £575           | £60,000               | Analytics, data engineering, ETL pipelines        |
| Database Security Specialist | £575               | £475      | £700       | £650           | £72,000               | Security audits, encryption, compliance, TDE      |
| Database Specialist          | £500               | £400      | £600       | £550           | £58,000               | Multi-platform DB expertise, optimisation         |
| Database Engineer            | £525               | £425      | £625       | £575           | £62,000               | Infrastructure, automation, DevOps for databases  |

## DBAAS LTD - G-CLOUD 15 FRAMEWORK PRICING SCHEDULE (UK DELIVERY)

### Lot 3: Cloud DBA and Database Support Services

#### Supplier Details

Company Name: DBAAS LTD  
 Website: [www.dbaasltd.com](http://www.dbaasltd.com)  
 Address: International House,  
 36-38 Cornhill, City of London, EC3V 3NG  
 Contact: +44 7480 080202

| Role/Service                  | SFIA Level | Day Rate (£) | Weekly Rate (£) | Monthly Rate (£) | Minimum Engagement | IR35 Status | Location          |
|-------------------------------|------------|--------------|-----------------|------------------|--------------------|-------------|-------------------|
| Oracle DBA                    | Level 4    | £475         | 2375            | 10450            | 5 days             | Outside     | Remote/On-site UK |
| Senior Oracle DBA             | Level 5    | £550         | 2750            | 12100            | 5 days             | Outside     | Remote/On-site UK |
| Database Support Engineer     | Level 3    | £395         | 1975            | 8690             | 5 days             | Outside     | Remote/On-site UK |
| Database Architect            | Level 5-6  | £625         | 3125            | 13750            | 10 days            | Outside     | Remote/On-site UK |
| Database Developer            | Level 4    | £475         | 2375            | 10450            | 5 days             | Outside     | Remote/On-site UK |
| Data Architect                | Level 5-6  | £575         | 2875            | 12650            | 10 days            | Outside     | Remote/On-site UK |
| Data Specialist               | Level 4    | £495         | 2475            | 10890            | 5 days             | Outside     | Remote/On-site UK |
| Database Security Specialist  | Level 4-5  | £550         | 2750            | 12100            | 5 days             | Outside     | Remote/On-site UK |
| Database Specialist           | Level 4    | £475         | 2375            | 10450            | 5 days             | Outside     | Remote/On-site UK |
| Database Engineer             | Level 4    | £495         | 2475            | 10890            | 5 days             | Outside     | Remote/On-site UK |
| Principal Database Consultant | Level 6    | £725         | 3625            | 15950            | 10 days            | Outside     | Remote/On-site UK |
| Database Team Lead            | Level 5    | £595         | 2975            | 13090            | 10 days            | Outside     | Remote/On-site UK |

#### UK Pricing Notes:

- All rates exclude VAT (20%)
- Travel and expenses charged at cost for on-site work outside 50 miles
- Volume discounts available for engagements over 100 days
- Out-of-hours support (evenings/weekends) charged at 1.5x standard rate
- 24/7 on-call support available as managed service - contact for pricing

## DBAAS LTD - OFFSHORE DELIVERY PRICING SCHEDULE

### Lot 3: Cloud DBA and Database Support Services

#### Offshore Delivery Model

- Delivery from ISO 27001 certified centres
- UK timezone overlap (minimum 4 hours daily)
- English-speaking technical specialists
- UK GDPR compliant data handling
- UK-based account manager for all engagements

| Role/Service                  | SFIA Level | Day Rate (£) | Weekly Rate (£) | Monthly Rate (£) | Minimum Engagement | UK Rate Reference | Savings vs UK |
|-------------------------------|------------|--------------|-----------------|------------------|--------------------|-------------------|---------------|
| Oracle DBA                    | Level 4    | £309         | 1545            | 6798             | 5 days             | £475              | £166/day      |
| Senior Oracle DBA             | Level 5    | £358         | 1790            | 7876             | 5 days             | £550              | £192/day      |
| Database Support Engineer     | Level 3    | £257         | 1285            | 5654             | 5 days             | £395              | £138/day      |
| Database Architect            | Level 5-6  | £406         | 2030            | 8932             | 10 days            | £625              | £219/day      |
| Database Developer            | Level 4    | £309         | 1545            | 6798             | 5 days             | £475              | £166/day      |
| Data Architect                | Level 5-6  | £374         | 1870            | 8228             | 10 days            | £575              | £201/day      |
| Data Specialist               | Level 4    | £322         | 1610            | 7084             | 5 days             | £495              | £173/day      |
| Database Security Specialist  | Level 4-5  | £358         | 1790            | 7876             | 5 days             | £550              | £192/day      |
| Database Specialist           | Level 4    | £309         | 1545            | 6798             | 5 days             | £475              | £166/day      |
| Database Engineer             | Level 4    | £322         | 1610            | 7084             | 5 days             | £495              | £173/day      |
| Principal Database Consultant | Level 6    | £471         | 2355            | 10362            | 10 days            | £725              | £254/day      |
| Database Team Lead            | Level 5    | £387         | 1935            | 8514             | 10 days            | £595              | £208/day      |

#### Offshore Pricing Notes:

- All rates exclude VAT (20%)
- Blended onshore/offshore teams available - contact for custom pricing
- Ideal for: 24/7 support coverage, development sprints, BAU maintenance
- UK on-site recommended for: workshops, security-sensitive work, stakeholder engagement
- Managed services (Bronze/Silver/Gold) also available at offshore rates

## FRAMEWORK SCHEDULE 3 - FRAMEWORK PRICES

Crown Commercial Service G-Cloud 15 (RM1557.15)

### 1. SUPPLIER INFORMATION

|                         |                                                                 |
|-------------------------|-----------------------------------------------------------------|
| Supplier Name:          | DBAAS LTD                                                       |
| DUNS Number:            | 224654733                                                       |
| Companies House Number: | 11779791                                                        |
| VAT Registered No.      | 314578594                                                       |
| Website:                | <a href="https://www.dbaasltd.com">https://www.dbaasltd.com</a> |

### 2. Lot 3: Cloud DBA and Database Support Services (UK DELIVERY)

| Service ID   | Service Name                      | Service Description                                                                                                     | Pricing Model | Price (£) | Unit  |
|--------------|-----------------------------------|-------------------------------------------------------------------------------------------------------------------------|---------------|-----------|-------|
| DOIT-DBA-001 | Oracle Database Administration    | Comprehensive Oracle DB management including installation, configuration, patching, performance tuning, backup/recovery | Per Day       | £475      | Day   |
| DOIT-DBA-002 | Senior Oracle DBA Services        | Senior-level Oracle expertise including RAC, Exadata, Data Guard, complex migrations                                    | Per Day       | £550      | Day   |
| DOIT-SUP-001 | Database Support Services         | 24/7 database support, incident management, problem resolution, change management                                       | Per Day       | £395      | Day   |
| DOIT-ARC-001 | Database Architecture Consulting  | Enterprise database design, strategy, governance, standards definition                                                  | Per Day       | £625      | Day   |
| DOIT-DEV-001 | Database Development Services     | PL/SQL, T-SQL development, stored procedures, ETL, data integration                                                     | Per Day       | £475      | Day   |
| DOIT-DAR-001 | Data Architecture Services        | Data modelling, warehousing design, data governance frameworks                                                          | Per Day       | £575      | Day   |
| DOIT-DSP-001 | Data Specialist Services          | Data analytics, engineering, pipeline development, reporting                                                            | Per Day       | £495      | Day   |
| DOIT-SEC-001 | Database Security Services        | Security audits, vulnerability assessments, encryption, TDE, compliance (GDPR, PCI-DSS)                                 | Per Day       | £550      | Day   |
| DOIT-DBS-001 | Database Specialist Services      | Multi-platform database expertise, performance optimisation, troubleshooting                                            | Per Day       | £475      | Day   |
| DOIT-ENG-001 | Database Engineering Services     | Database infrastructure, automation, CI/CD pipelines, DevOps for databases                                              | Per Day       | £495      | Day   |
| DOIT-CON-001 | Principal Database Consulting     | Strategic advisory, digital transformation, large-scale migrations                                                      | Per Day       | £725      | Day   |
| DOIT-MGD-001 | Managed Database Service - Bronze | Remote monitoring, monthly health checks, 8x5 support                                                                   | Per Month     | £1,500    | Month |
| DOIT-MGD-002 | Managed Database Service - Silver | All Bronze + weekly optimization, 12x5 support, quarterly reviews                                                       | Per Month     | £2,500    | Month |
| DOIT-MGD-003 | Managed Database Service - Gold   | All Silver + 24/7 support, dedicated DBA, proactive management                                                          | Per Month     | £5,000    | Month |

## DBAAS LTD - COMPETITIVE PRICING ANALYSIS

| Role                         | Market Median (£) | DBAAS UK (£) | DBAAS Offshore (£) | UK vs Market | Strategy                      |
|------------------------------|-------------------|--------------|--------------------|--------------|-------------------------------|
| Oracle DBA                   | £500              | £475         | £309               | -5%          | Competitive entry pricing     |
| Senior DBA                   | £575              | £550         | £358               | -4%          | Premium expertise positioning |
| Database Support Engineer    | £425              | £395         | £257               | -7%          | SME-friendly pricing          |
| Database Architect           | £650              | £625         | £406               | -4%          | Quality-value balance         |
| Database Developer           | £500              | £475         | £309               | -5%          | Competitive entry pricing     |
| Data Architect               | £600              | £575         | £374               | -4%          | Strategic pricing             |
| Data Specialist              | £525              | £495         | £322               | -6%          | Market penetration            |
| Database Security Specialist | £575              | £550         | £358               | -4%          | Security premium justified    |
| Database Specialist          | £500              | £475         | £309               | -5%          | Multi-platform value          |
| Database Engineer            | £525              | £495         | £322               | -6%          | DevOps/automation focus       |

### PRICING STRATEGY RECOMMENDATIONS

1. UK rates positioned 4-7% below market median for competitive entry
2. Offshore rates are huge savings - strong value proposition
3. Blended delivery model: UK-based lead with offshore team delivers best value
4. Offshore ideal for: 24/7 coverage, development sprints, BAU maintenance
5. UK on-site recommended for: workshops, security-sensitive work, stakeholder engagement
6. Database Security role commands premium due to compliance requirements

| Database                | Category                | Type                         | Support Level | Years Experience | Team Size | Function                                                                                      | Use Case                                                                    | Key Features                                                                | Cloud Platform                                       | Deployment                | Licensing                                 | Certifications                                | Vendor                               |
|-------------------------|-------------------------|------------------------------|---------------|------------------|-----------|-----------------------------------------------------------------------------------------------|-----------------------------------------------------------------------------|-----------------------------------------------------------------------------|------------------------------------------------------|---------------------------|-------------------------------------------|-----------------------------------------------|--------------------------------------|
| Apache Spark            | Data Lake / Analytics   | Distributed Processing       | Expert        | 5+               | 9         | Unified analytics engine for large-scale data processing and ML                               | Batch processing, Stream processing, ML, Interactive analytics              | In-memory processing, SQL support, Streaming, MLlib                         | AWS EMR, Azure HDInsight, Google Cloud Dataproc      | On-Premise, Cloud, Hybrid | Open Source (Apache 2.0)                  | Databricks Spark Certification                | Apache Software Foundation           |
| Databricks              | Data Lake / Analytics   | Unified Analytics Platform   | Expert        | 5+               | 8         | Unified platform for data engineering, ML, and analytics based on Apache Spark                | Data engineering, Machine learning, Real-time analytics, Data science       | Delta Lake, MLflow, Collaborative notebooks, Auto-scaling                   | AWS, Azure, Google Cloud                             | Cloud (Multi-Cloud)       | Commercial (SaaS)                         | Databricks Certified Associate/Professional   | Databricks Inc.                      |
| PrestoDB                | Data Lake / Analytics   | Distributed SQL Query Engine | Intermediate  | 5+               | 4         | Distributed SQL query engine for fast analytics on various data sources                       | Interactive analytics, Data lake queries, Federation                        | SQL on Hadoop, Multiple connector support, Low latency                      | AWS, Azure, Google Cloud                             | On-Premise, Cloud         | Open Source (Apache 2.0)                  | N/A                                           | Linux Foundation (Presto Foundation) |
| Amazon Redshift         | Data Warehouse          | Cloud Data Warehouse         | Expert        | 3+               | 7         | Fast, scalable data warehouse service for analytics and BI workloads                          | Data warehousing, Business Intelligence, Analytics, ETL                     | Columnar storage, MPP architecture, Concurrency scaling, Spectrum           | AWS Only                                             | Cloud (AWS)               | Commercial (AWS Service)                  | AWS Database Specialty, AWS Data Analytics    | Amazon Web Services                  |
| Apache Hive             | Data Warehouse          | SQL on Hadoop                | Advanced      | 8+               | 5         | Data warehouse software for reading and managing large datasets in distributed storage        | Data warehousing on Hadoop, Batch analytics, ETL                            | HiveQL (SQL-like), HDFS integration, ACID transactions                      | AWS EMR, Azure HDInsight, Google Cloud Dataproc      | On-Premise, Cloud         | Open Source (Apache 2.0)                  | Hadoop Developer Certifications               | Apache Software Foundation           |
| Azure Synapse Analytics | Data Warehouse          | Analytics Service            | Expert        | 6+               | 7         | Unified analytics platform combining data warehouse and big data analytics                    | Enterprise data warehousing, Big data analytics, Data integration           | Integrated with Azure ecosystem, Serverless option, Apache Spark            | Azure Only                                           | Cloud (Azure)             | Commercial (Azure Service)                | Azure Data Engineer Associate                 | Microsoft Azure                      |
| Google BigQuery         | Data Warehouse          | Serverless Data Warehouse    | Expert        | 7+               | 6         | Serverless, highly scalable data warehouse with built-in ML capabilities                      | Analytics, BI, Machine learning, Log analysis                               | Serverless, Built-in ML, Real-time analytics, Petabyte-scale                | Google Cloud Only                                    | Cloud (Google Cloud)      | Commercial (GCP Service)                  | Google Cloud Professional Data Engineer       | Google Cloud                         |
| Greenplum               | Data Warehouse          | MPP Data Warehouse           | Advanced      | 8+               | 5         | Open-source MPP database for analytics and data warehousing workloads                         | Data warehousing on Hadoop, Batch analytics, ETL                            | PostgreSQL-based, MPP architecture, MADlib ML library                       | AWS, Azure, Google Cloud, VMware Tanzu               | On-Premise, Cloud, Hybrid | Open Source (Apache 2.0) / Commercial     | VMware Tanzu Data Solutions                   | VMware (Broadcom)                    |
| Snowflake               | Data Warehouse          | Cloud Data Platform          | Expert        | 6+               | 9         | Cloud-native data platform with elastic compute and storage for analytics                     | Data warehousing, Data lakes, Data sharing, Analytics                       | Separation of compute/storage, Zero-copy cloning, Time travel, Data sharing | AWS, Azure, Google Cloud                             | Cloud (Multi-Cloud)       | Commercial (SaaS)                         | SnowPro Core, SnowPro Advanced                | Snowflake Inc.                       |
| Teradata                | Data Warehouse          | Enterprise Data Warehouse    | Intermediate  | 7+               | 3         | Enterprise data warehouse platform for large-scale analytics                                  | Enterprise data warehousing, Advanced analytics, BI                         | MPP architecture, Workload management, Mixed workload support               | Teradata Vantage, AWS, Azure, Google Cloud           | On-Premise, Cloud, Hybrid | Commercial                                | Teradata Certified Professional               | Teradata Corporation                 |
| Apache Hadoop HDFS      | Distributed File System | Distributed Storage          | Advanced      | 5+               | 5         | Distributed filesystem for storing large datasets across commodity hardware                   | Big data storage, Data lakes, Batch processing                              | Fault tolerance, High throughput, Scalability                               | AWS EMR, Azure HDInsight, Google Cloud Dataproc      | On-Premise, Cloud         | Open Source (Apache 2.0)                  | Cloudera/Hortonworks Hadoop Administrator     | Apache Software Foundation           |
| CockroachDB             | Distributed SQL         | NewSQL                       | Advanced      | 5+               | 4         | Distributed SQL database with strong consistency and horizontal scalability                   | Global applications, Multi-region deployments, Financial services           | PostgreSQL compatibility, ACID compliance, Geo-partitioning                 | CockroachDB Cloud, AWS, Azure, Google Cloud          | On-Premise, Cloud, Hybrid | Open Source (BSL/CCL)                     | CockroachDB Certified                         | Cockroach Labs                       |
| Google Cloud Spanner    | Distributed SQL         | NewSQL                       | Advanced      | 6+               | 5         | Globally distributed database with strong consistency and horizontal scalability              | Global applications, Financial systems, Gaming, Retail                      | External consistency, Multi-region replication, SQL support                 | Google Cloud Only                                    | Cloud (Google Cloud)      | Commercial (GCP Service)                  | Google Cloud Professional Database Engineer   | Google Cloud                         |
| SAP HANA                | In-Memory Database      | In-Memory RDBMS              | Intermediate  | 6+               | 3         | In-memory database platform for real-time analytics and applications                          | SAP applications, Real-time analytics, ERP systems                          | In-memory processing, Columnar storage, Multi-model                         | SAP Cloud Platform, AWS, Azure, Google Cloud         | On-Premise, Cloud         | Commercial                                | SAP HANA Academy                              | SAP SE                               |
| ArangoDB                | Multi-Model             | Multi-Model Database         | Intermediate  | 5+               | 3         | Multi-model database supporting graph, document, and key/value models                         | Flexible data modeling, Graph analytics, Complex queries                    | Multiple data models, ACQL query language, Distributed                      | ArangoDB Cloud, AWS, Azure, Google Cloud             | On-Premise, Cloud         | Open Source (Apache 2.0) / Commercial     | N/A                                           | ArangoDB Inc.                        |
| Azure Cosmos DB         | Multi-Model             | Managed Multi-Model          | Expert        | 7+               | 8         | Globally distributed multi-model database with multiple consistency models                    | Global applications, Real-time apps, IoT, Gaming                            | Multi-API support, Global distribution, SLA guarantees                      | Azure Only                                           | Cloud (Azure)             | Commercial (Azure Service)                | Azure Cosmos DB Developer                     | Microsoft Azure                      |
| Apache Cassandra        | NoSQL Column-Family     | Wide Column Store            | Advanced      | 8+               | 5         | Scalable NoSQL database for high availability and performance across many servers             | Time-series data, IoT, Messaging, Product catalogs                          | Linear scalability, No SPOF, Multi-datacenter replication                   | DataStax Astra, AWS, Azure, Google Cloud             | On-Premise, Cloud, Hybrid | Open Source (Apache 2.0)                  | DataStax Cassandra Administrator              | Apache Software Foundation           |
| Apache HBase            | NoSQL Column-Family     | Wide Column Store            | Advanced      | 7+               | 4         | Scalable, distributed big data store for real-time read/write access                          | Big data analytics, Time-series, Social media analytics                     | Hadoop integration, Linear scalability, Random access                       | AWS EMR, Azure HDInsight, Google Cloud Bigtable      | On-Premise, Cloud         | Open Source (Apache 2.0)                  | Cloudera/Hortonworks Hadoop Certifications    | Apache Software Foundation           |
| ScyllaDB                | NoSQL Column-Family     | Wide Column Store            | Intermediate  | 5+               | 3         | High-performance NoSQL database compatible with Cassandra                                     | High-throughput applications, Real-time analytics, Gaming                   | Cassandra compatibility, Low latency, High throughput                       | ScyllaDB Cloud, AWS, Azure, Google Cloud             | On-Premise, Cloud         | Open Source (AGPL) / Commercial           | N/A                                           | ScyllaDB Inc.                        |
| CouchDB                 | NoSQL Document          | Document Store               | Intermediate  | 5+               | 3         | Document database with HTTP API and multi-master replication                                  | Offline-first applications, Mobile sync, Content management                 | HTTP/REST API, Multi-master replication, MapReduce views                    | IBM Cloudant, AWS, Azure                             | On-Premise, Cloud         | Open Source (Apache 2.0)                  | N/A                                           | Apache Software Foundation           |
| Couchbase               | NoSQL Document          | Document Store               | Advanced      | 7+               | 4         | High-performance NoSQL database combining document and key-value stores                       | Mobile/web apps, Caching, Session store, User profiles                      | N1QL queries, Full-text search, Mobile sync, Memory-first                   | Couchbase Cloud, AWS, Azure, Google Cloud            | On-Premise, Cloud, Hybrid | Open Source (Apache 2.0) / Commercial     | Couchbase Certified Administrator             | Couchbase Inc.                       |
| MongoDB                 | NoSQL Document          | Document Store               | Expert        | 10+              | 7         | Flexible, scalable NoSQL database using BSON-like documents                                   | Content management, Real-time analytics, IoT, Mobile backends               | Sharding, Replication, Aggregation framework, GridFS                        | MongoDB Atlas, AWS DocumentDB, Azure Cosmos DB       | On-Premise, Cloud, Hybrid | Open Source (GPL) / Commercial            | MongoDB Certified Developer/DBA               | MongoDB Inc.                         |
| Neo4j                   | NoSQL Graph             | Graph Database               | Advanced      | 7+               | 4         | Graph database for storing and querying complex relationships                                 | Social networks, Fraud detection, Recommendation engines, Knowledge graphs  | Cypher query language, ACID compliance, Native graph storage                | Neo4j Aura, AWS, Azure, Google Cloud                 | On-Premise, Cloud, Hybrid | Open Source (GPL) / Commercial            | Neo4j Certified Professional                  | Neo4j Inc.                           |
| Amazon DynamoDB         | NoSQL Key-Value         | Managed NoSQL                | Expert        | 8+               | 8         | Fully managed, serverless NoSQL database with single-digit millisecond performance            | Serverless applications, Gaming, IoT, Mobile backends                       | Auto-scaling, Global tables, Streams, DAX accelerator                       | AWS Only                                             | Cloud (AWS)               | Commercial (AWS Service)                  | AWS Database Specialty                        | Amazon Web Services                  |
| Redis                   | NoSQL Key-Value         | In-Memory Data Store         | Expert        | 10+              | 6         | In-memory data store for database, cache, and message broker applications                     | Caching, Session management, Real-time analytics, Message queues            | Sub-millisecond latency, Pub/Sub, Transactions, Persistence                 | Redis Enterprise Cloud, AWS ElastiCache, Azure Cache | On-Premise, Cloud, Hybrid | Open Source (BSD) / Commercial            | Redis Certified Developer                     | Redis Ltd.                           |
| IBM Db2                 | Relational SQL          | Enterprise RDBMS             | Advanced      | 10+              | 4         | Enterprise-grade relational database for transactional and analytical workloads               | Enterprise applications, Mainframe integration, OLTP/OLAP                   | BLU Acceleration, pureScale, Time Travel Query                              | IBM Cloud, AWS, Azure                                | On-Premise, Cloud, Hybrid | Commercial                                | IBM Db2 Database Administrator                | IBM Corporation                      |
| MariaDB                 | Relational SQL          | Open Source RDBMS            | Expert        | 10+              | 8         | MySQL fork with high-performance features for web and enterprise applications                 | Web applications, Drop-in MySQL replacement, E-commerce                     | Galera Cluster, Columnstore, Spider storage engine                          | AWS RDS, Azure, Google Cloud SQL                     | On-Premise, Cloud, Hybrid | Open Source (GPL)                         | MariaDB Certified Administrator               | MariaDB Foundation                   |
| Microsoft SQL Server    | Relational SQL          | Enterprise RDBMS             | Expert        | 12+              | 9         | Comprehensive database platform with integrated BI, analytics, and advanced security          | Enterprise applications, .NET applications, BI and analytics, SharePoint    | Always On, Columnstore, In-memory OLTP, Integrated BI                       | Azure SQL Database, AWS RDS                          | On-Premise, Cloud, Hybrid | Commercial                                | MCSA SQL Server, Azure Database Administrator | Microsoft Corporation                |
| MySQL                   | Relational SQL          | Open Source RDBMS            | Expert        | 14+              | 12        | Reliable, high-performance relational database widely used in web applications                | Web applications, E-commerce, Content management, LAMP stack                | Replication, Clustering, InnoDB engine, Full-text search                    | AWS RDS/Aurora, Azure Database, Google Cloud SQL     | On-Premise, Cloud, Hybrid | Open Source (GPL) / Commercial            | MySQL DBA, AWS RDS MySQL                      | Oracle Corporation                   |
| Oracle Database         | Relational SQL          | Enterprise RDBMS             | Expert        | 14+              | 8         | Enterprise-grade relational database with advanced features for mission-critical applications | Enterprise ERP, Banking, Financial services, Large-scale OLTP               | RAC, DataGuard, Partitioning, Advanced Security                             | Oracle Cloud, AWS RDS, Azure                         | On-Premise, Cloud, Hybrid | Commercial                                | Oracle OCP, RAC, DataGuard                    | Oracle Corporation                   |
| PostgreSQL              | Relational SQL          | Open Source RDBMS            | Expert        | 14+              | 10        | Advanced, robust relational database known for extensibility and standards compliance         | Web applications, Data warehousing, GIS applications, Analytics             | ACID compliance, JSON support, Advanced indexing, Extensions                | AWS RDS/Aurora, Azure Database, Google Cloud SQL     | On-Premise, Cloud, Hybrid | Open Source (PostgreSQL License)          | PostgreSQL CE, AWS RDS PostgreSQL             | PostgreSQL Global Development Group  |
| SQLite                  | Relational SQL          | Embedded RDBMS               | Advanced      | 8+               | 4         | Lightweight, serverless SQL database engine for embedded systems and mobile apps              | Mobile apps, IoT devices, Desktop applications, Browser storage             | Zero configuration, Self-contained, ACID compliant, Small footprint         | N/A (Embedded)                                       | Embedded, Mobile, IoT     | Public Domain                             | Mobile Development Certifications             | Public Domain                        |
| Elasticsearch           | Search / Analytics      | Search Engine                | Expert        | 8+               | 6         | Distributed search and analytics engine built on Apache Lucene                                | Full-text search, Log analytics, Application monitoring, Security analytics | RESTful API, Distributed, Full-text search, Real-time indexing              | Elastic Cloud, AWS, Azure, Google Cloud              | On-Premise, Cloud, Hybrid | Open Source (Apache 2.0/GPL) / Commercial | Elastic Certified Engineer                    | Elastic N.V.                         |
| InfluxDB                | Time Series             | Time-Series Database         | Advanced      | 6+               | 4         | Time-series database for fast, high-availability data storage and retrieval                   | IoT monitoring, DevOps metrics, Real-time analytics, Sensor data            | Purpose-built for time-series, High write throughput, Downsampling          | InfluxDB Cloud, AWS, Azure, Google Cloud             | On-Premise, Cloud, Hybrid | Open Source (MIT) / Commercial            | InfluxDB Certified                            | InfluxData                           |
| TimescaleDB             | Time Series             | Time-Series Database         | Expert        | 7+               | 6         | Time-series database built on PostgreSQL, optimized for fast ingest and complex queries       | IoT, Financial data, Infrastructure monitoring, Analytics                   | PostgreSQL compatibility, Continuous aggregates, Compression                | Timescale Cloud, AWS, Azure, Google Cloud            | On-Premise, Cloud, Hybrid | Open Source (Apache 2.0) / Commercial     | PostgreSQL CE, TimescaleDB                    | Timescale Inc.                       |

| Database                | Category                | Support_Level | Team_Size | Cloud_Platforms                                      | Use_Cases                                                                   |
|-------------------------|-------------------------|---------------|-----------|------------------------------------------------------|-----------------------------------------------------------------------------|
| Apache Spark            | Data Lake / Analytics   | Expert        | 9         | AWS EMR, Azure HDInsight, Google Cloud Dataproc      | Batch processing, Stream processing, ML, Interactive analytics              |
| Databricks              | Data Lake / Analytics   | Expert        | 8         | AWS, Azure, Google Cloud                             | Data engineering, Machine learning, Real-time analytics, Data science       |
| PrestoDB                | Data Lake / Analytics   | Intermediate  | 4         | AWS, Azure, Google Cloud                             | Interactive analytics, Data lake queries, Federation                        |
| Amazon Redshift         | Data Warehouse          | Expert        | 7         | AWS Only                                             | Data warehousing, Business intelligence, Analytics, ETL                     |
| Apache Hive             | Data Warehouse          | Advanced      | 5         | AWS EMR, Azure HDInsight, Google Cloud Dataproc      | Data warehousing on Hadoop, Batch analytics, ETL                            |
| Azure Synapse Analytics | Data Warehouse          | Expert        | 7         | Azure Only                                           | Enterprise data warehousing, Big data analytics, Data integration           |
| Google BigQuery         | Data Warehouse          | Expert        | 6         | Google Cloud Only                                    | Analytics, BI, Machine learning, Log analysis                               |
| Greenplum               | Data Warehouse          | Advanced      | 5         | AWS, Azure, Google Cloud, VMware Tanzu               | Data warehousing, Analytics, Machine learning, Data science                 |
| Snowflake               | Data Warehouse          | Expert        | 9         | AWS, Azure, Google Cloud                             | Data warehousing, Data lakes, Data sharing, Analytics                       |
| Teradata                | Data Warehouse          | Intermediate  | 3         | Teradata Vantage, AWS, Azure, Google Cloud           | Enterprise data warehousing, Advanced analytics, BI                         |
| Apache Hadoop HDFS      | Distributed File System | Advanced      | 5         | AWS EMR, Azure HDInsight, Google Cloud Dataproc      | Big data storage, Data lakes, Batch processing                              |
| CockroachDB             | Distributed SQL         | Advanced      | 4         | CockroachDB Cloud, AWS, Azure, Google Cloud          | Global applications, Multi-region deployments, Financial services           |
| Google Cloud Spanner    | Distributed SQL         | Advanced      | 5         | Google Cloud Only                                    | Global applications, Financial systems, Gaming, Retail                      |
| SAP HANA                | In-Memory Database      | Intermediate  | 3         | SAP Cloud Platform, AWS, Azure, Google Cloud         | SAP applications, Real-time analytics, ERP systems                          |
| ArangoDB                | Multi-Model             | Intermediate  | 3         | ArangoDB Oasis, AWS, Azure, Google Cloud             | Flexible data modeling, Graph analytics, Complex queries                    |
| Azure Cosmos DB         | Multi-Model             | Expert        | 8         | Azure Only                                           | Global applications, Real-time apps, IoT, Gaming                            |
| Apache Cassandra        | NoSQL Column-Family     | Advanced      | 5         | DataStax Astra, AWS, Azure, Google Cloud             | Time-series data, IoT, Messaging, Product catalogs                          |
| Apache HBase            | NoSQL Column-Family     | Advanced      | 4         | AWS EMR, Azure HDInsight, Google Cloud Bigtable      | Big data analytics, Time-series, Social media analytics                     |
| ScyllaDB                | NoSQL Column-Family     | Intermediate  | 3         | ScyllaDB Cloud, AWS, Azure, Google Cloud             | High-throughput applications, Real-time analytics, Gaming                   |
| CouchDB                 | NoSQL Document          | Intermediate  | 3         | IBM Cloudant, AWS, Azure                             | Offline-first applications, Mobile sync, Content management                 |
| Couchbase               | NoSQL Document          | Advanced      | 4         | Couchbase Cloud, AWS, Azure, Google Cloud            | Mobile/web apps, Caching, Session store, User profiles                      |
| MongoDB                 | NoSQL Document          | Expert        | 7         | MongoDB Atlas, AWS DocumentDB, Azure Cosmos DB       | Content management, Real-time analytics, IoT, Mobile backends               |
| Neo4j                   | NoSQL Graph             | Advanced      | 4         | Neo4j Aura, AWS, Azure, Google Cloud                 | Social networks, Fraud detection, Recommendation engines, Knowledge graphs  |
| Amazon DynamoDB         | NoSQL Key-Value         | Expert        | 8         | AWS Only                                             | Serverless applications, Gaming, IoT, Mobile backends                       |
| Redis                   | NoSQL Key-Value         | Expert        | 6         | Redis Enterprise Cloud, AWS ElastiCache, Azure Cache | Caching, Session management, Real-time analytics, Message queues            |
| IBM Db2                 | Relational SQL          | Advanced      | 4         | IBM Cloud, AWS, Azure                                | Enterprise applications, Mainframe integration, OLTP/OLAP                   |
| MariaDB                 | Relational SQL          | Expert        | 8         | AWS RDS, Azure, Google Cloud SQL                     | Web applications, Drop-in MySQL replacement, E-commerce                     |
| Microsoft SQL Server    | Relational SQL          | Expert        | 9         | Azure SQL Database, AWS RDS                          | Enterprise applications, .NET applications, BI and analytics, SharePoint    |
| MySQL                   | Relational SQL          | Expert        | 12        | AWS RDS/Aurora, Azure Database, Google Cloud SQL     | Web applications, E-commerce, Content management, LAMP stack                |
| Oracle Database         | Relational SQL          | Expert        | 8         | Oracle Cloud, AWS RDS, Azure                         | Enterprise ERP, Banking, Financial services, Large-scale OLTP               |
| PostgreSQL              | Relational SQL          | Expert        | 10        | AWS RDS/Aurora, Azure Database, Google Cloud SQL     | Web applications, Data warehousing, GIS applications, Analytics             |
| SQLite                  | Relational SQL          | Advanced      | 4         | N/A (Embedded)                                       | Mobile apps, IoT devices, Desktop applications, Browser storage             |
| Elasticsearch           | Search / Analytics      | Expert        | 6         | Elastic Cloud, AWS, Azure, Google Cloud              | Full-text search, Log analytics, Application monitoring, Security analytics |
| InfluxDB                | Time-Series             | Advanced      | 4         | InfluxDB Cloud, AWS, Azure, Google Cloud             | IoT monitoring, DevOps metrics, Real-time analytics, Sensor data            |
| TimescaleDB             | Time-Series             | Expert        | 6         | Timescale Cloud, AWS, Azure, Google Cloud            | IoT, Financial data, Infrastructure monitoring, Analytics                   |

## Databases by Use Case

| Web Applications        |                         |              |
|-------------------------|-------------------------|--------------|
| MySQL                   | Relational SQL          | Expert       |
| PostgreSQL              | Relational SQL          | Expert       |
| MongoDB                 | NoSQL Document          | Expert       |
| Redis                   | NoSQL Key-Value         | Expert       |
| MariaDB                 | Relational SQL          | Expert       |
| Enterprise Applications |                         |              |
| Oracle Database         | Relational SQL          | Expert       |
| Microsoft SQL Server    | Relational SQL          | Expert       |
| PostgreSQL              | Relational SQL          | Expert       |
| IBM Db2                 | Relational SQL          | Advanced     |
| SAP HANA                | In-Memory Database      | Intermediate |
| Analytics & BI          |                         |              |
| Snowflake               | Data Warehouse          | Expert       |
| Amazon Redshift         | Data Warehouse          | Expert       |
| Google BigQuery         | Data Warehouse          | Expert       |
| Azure Synapse Analytics | Data Warehouse          | Expert       |
| Databricks              | Data Lake / Analytics   | Expert       |
| Real-Time Processing    |                         |              |
| Redis                   | NoSQL Key-Value         | Expert       |
| InfluxDB                | Time-Series             | Advanced     |
| TimescaleDB             | Time-Series             | Expert       |
| Apache Spark            | Data Lake / Analytics   | Expert       |
| IoT & Time-Series       |                         |              |
| InfluxDB                | Time-Series             | Advanced     |
| TimescaleDB             | Time-Series             | Expert       |
| MongoDB                 | NoSQL Document          | Expert       |
| Big Data                |                         |              |
| Apache Hadoop HDFS      | Distributed File System | Advanced     |
| Apache HBase            | NoSQL Column-Family     | Advanced     |
| Greenplum               | Data Warehouse          | Advanced     |
| Apache Spark            | Data Lake / Analytics   | Expert       |
| Databricks              | Data Lake / Analytics   | Expert       |
| Machine Learning        |                         |              |
| Databricks              | Data Lake / Analytics   | Expert       |
| Snowflake               | Data Warehouse          | Expert       |
| Google BigQuery         | Data Warehouse          | Expert       |
| SAP HANA                | In-Memory Database      | Intermediate |
| E-commerce              |                         |              |
| MySQL                   | Relational SQL          | Expert       |
| MongoDB                 | NoSQL Document          | Expert       |
| Redis                   | NoSQL Key-Value         | Expert       |
| PostgreSQL              | Relational SQL          | Expert       |
| Elasticsearch           | Search / Analytics      | Expert       |
| Financial Services      |                         |              |
| Oracle Database         | Relational SQL          | Expert       |
| CockroachDB             | Distributed SQL         | Advanced     |
| Microsoft SQL Server    | Relational SQL          | Expert       |
| PostgreSQL              | Relational SQL          | Expert       |
| Graph & Relationships   |                         |              |
| Neo4j                   | NoSQL Graph             | Advanced     |
| ArangoDB                | Multi-Model             | Intermediate |
| Mobile Apps             |                         |              |
| SQLite                  | Relational SQL          | Advanced     |
| MongoDB                 | NoSQL Document          | Expert       |
| Redis                   | NoSQL Key-Value         | Expert       |
| Couchbase               | NoSQL Document          | Advanced     |
| Amazon DynamoDB         | NoSQL Key-Value         | Expert       |
| Gaming                  |                         |              |
| Redis                   | NoSQL Key-Value         | Expert       |
| MongoDB                 | NoSQL Document          | Expert       |
| Amazon DynamoDB         | NoSQL Key-Value         | Expert       |
| ScyllaDB                | NoSQL Column-Family     | Intermediate |
| Search                  |                         |              |
| Elasticsearch           | Search / Analytics      | Expert       |

## Team Certifications & Expertise

| Certification                               | Related Database        | Certified Team Members |
|---------------------------------------------|-------------------------|------------------------|
| Databricks Spark Certification              | Apache Spark            | 9                      |
| Databricks Certified Associate/Professional | Databricks              | 8                      |
| AWS Database Specialty                      | Amazon Redshift         | 7                      |
| AWS Data Analytics                          | Amazon Redshift         | 7                      |
| Hadoop Developer Certifications             | Apache Hive             | 5                      |
| Azure Data Engineer Associate               | Azure Synapse Analytics | 7                      |
| Google Cloud Professional Data Engineer     | Google BigQuery         | 6                      |
| VMware Tanzu Data Solutions                 | Greenplum               | 5                      |
| SnowPro Core                                | Snowflake               | 9                      |
| SnowPro Advanced                            | Snowflake               | 9                      |
| Teradata Certified Professional             | Teradata                | 3                      |
| Cloudera/Hortonworks Hadoop Administrator   | Apache Hadoop HDFS      | 5                      |
| CockroachDB Certified                       | CockroachDB             | 4                      |
| Google Cloud Professional Database Engineer | Google Cloud Spanner    | 5                      |
| SAP HANA Academy                            | SAP HANA                | 3                      |
| Azure Cosmos DB Developer                   | Azure Cosmos DB         | 8                      |
| DataStax Cassandra Administrator            | Apache Cassandra        | 5                      |
| Cloudera/Hortonworks Hadoop Certifications  | Apache HBase            | 4                      |
| Couchbase Certified Administrator           | Couchbase               | 4                      |
| MongoDB Certified Developer/DBA             | MongoDB                 | 7                      |
| Neo4j Certified Professional                | Neo4j                   | 4                      |
| AWS Database Specialty                      | Amazon DynamoDB         | 8                      |
| Redis Certified Developer                   | Redis                   | 6                      |
| IBM Db2 Database Administrator              | IBM Db2                 | 4                      |
| MariaDB Certified Administrator             | MariaDB                 | 8                      |
| MCSA SQL Server                             | Microsoft SQL Server    | 9                      |
| Azure Database Administrator                | Microsoft SQL Server    | 9                      |
| MySQL DBA                                   | MySQL                   | 12                     |
| AWS RDS MySQL                               | MySQL                   | 12                     |
| Oracle OCP                                  | Oracle Database         | 8                      |
| RAC                                         | Oracle Database         | 8                      |
| DataGuard                                   | Oracle Database         | 8                      |
| PostgreSQL CE                               | PostgreSQL              | 10                     |
| AWS RDS PostgreSQL                          | PostgreSQL              | 10                     |
| Mobile Development Certifications           | SQLite                  | 4                      |
| Elastic Certified Engineer                  | Elasticsearch           | 6                      |
| InfluxDB Certified                          | InfluxDB                | 4                      |
| PostgreSQL CE                               | TimescaleDB             | 6                      |
| TimescaleDB                                 | TimescaleDB             | 6                      |