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SERVICE DEFINITION

Data Science Analytics & BI

INTRODUCTION

Decillion Digital combines cloud technologies with machine learning to unlock the full value of organisational data. We design and build analytics pipelines and platforms while upskilling users to maximise adoption. Leveraging AWS, Python, and R, our experts deliver predictive analytics, rich visualisations, and actionable insights—empowering informed decision-making and enabling safe, responsible AI adoption.

SERVICE FEATURES

- Conduct exploratory data analysis to surface clear, actionable insights.
- Deliver descriptive analytics including trend analysis, segmentation, and classification.
- Build predictive models for forecasting and propensity modelling to inform decisions.
- Apply unsupervised machine learning and deep neural networks where appropriate.
- Analyse unstructured data with NLP and text-mining techniques for richer context.
- Implement machine-learning solutions using SAS, Python, and R toolchains.
- Provide deep AWS data-stack expertise across Amazon Redshift, EMR, and Kinesis.
- Design, develop, and validate secure data lakes with AWS Lake Formation.
- Create interactive visualisations using Tableau, Power BI, and Amazon QuickSight.
- Work collaboratively with your teams, ensuring structured knowledge transfer and handover."



SERVICE BENEFITS

- Uncover meaningful trends and insights hidden within organisational data.
- Enable stronger, evidence-based decision-making through deep analytical intelligence.
- Boost operational efficiency with predictive analytics that anticipate needs and outcomes.
- Reduce costs by optimising key processes and eliminating inefficiencies.
- Empower teams through intuitive, user-friendly analytical tools.
- Support improved public service delivery with timely, data-driven actions.
- Deliver custom dashboards tailored to each stakeholder's specific requirements.
- Provide scalable solutions capable of handling diverse and expanding data volumes.
- Maintain strict data security and full regulatory compliance across all analytics activities.
- Offer real-time reporting to ensure leaders always have the latest metrics at hand.



SOLUTION APPROACH



ABOUT US

As a Decillion we partner in bridging technology and business innovation. With an extensive background across diverse technological verticals, we are dedicated to empowering your business through tailored digital solutions.

Our Expertise

Microsoft Dynamics	Technical Consulting	Azure DevOps	Technology Training	E-commerce Solutions
We specialize in MS Dynamics to streamline CRM and ERP systems, enhancing efficiency and productivity for businesses of all sizes.	Our expert consultants are adept at diagnosing your technical challenges and crafting strategic solutions that align with your business objectives.	We leverage Azure to improve your software development lifecycle, enabling faster deployment, reliable operations, and seamless integration of disparate systems.	Decillion Digital offers comprehensive training programs designed to upskill your team and keep them abreast of the latest technological advancements.	We create robust e-commerce platforms tailored to your specific needs, ensuring scalable, secure, and user-friendly shopping experiences.

At Decillion, we believe in the power of technology to transform businesses. Our approach combines innovative strategies with cutting-edge technologies to deliver measurable results. We are committed to providing exceptional service and building long-lasting relationships with our clients.

OUR MISSION

To enable businesses to achieve their full potential through the strategic implementation of technology.

OUR MISSION

To be a leading provider of technology solutions, known for our commitment to innovation, quality, and client satisfaction.

Explore how Decillion Digital can drive your business forward. Connect with us today to learn more about our services and how we can assist you in achieving your technological and business goals.

