



www.decilliondigital.com | pmo@decilliondigital.com | +44 (0) 744 829 0935

SERVICE DEFINITION
Data Science Discovery for Cloud

INTRODUCTION

Our Data Science Discovery service offers in-depth insights into your cloud-based data needs and desired outcomes. We provide actionable insights for data-enabled digital services, identifying tools and techniques to extract intelligence from your data. Maximize business potential with informed decision-making and strategic solutions tailored to your needs.

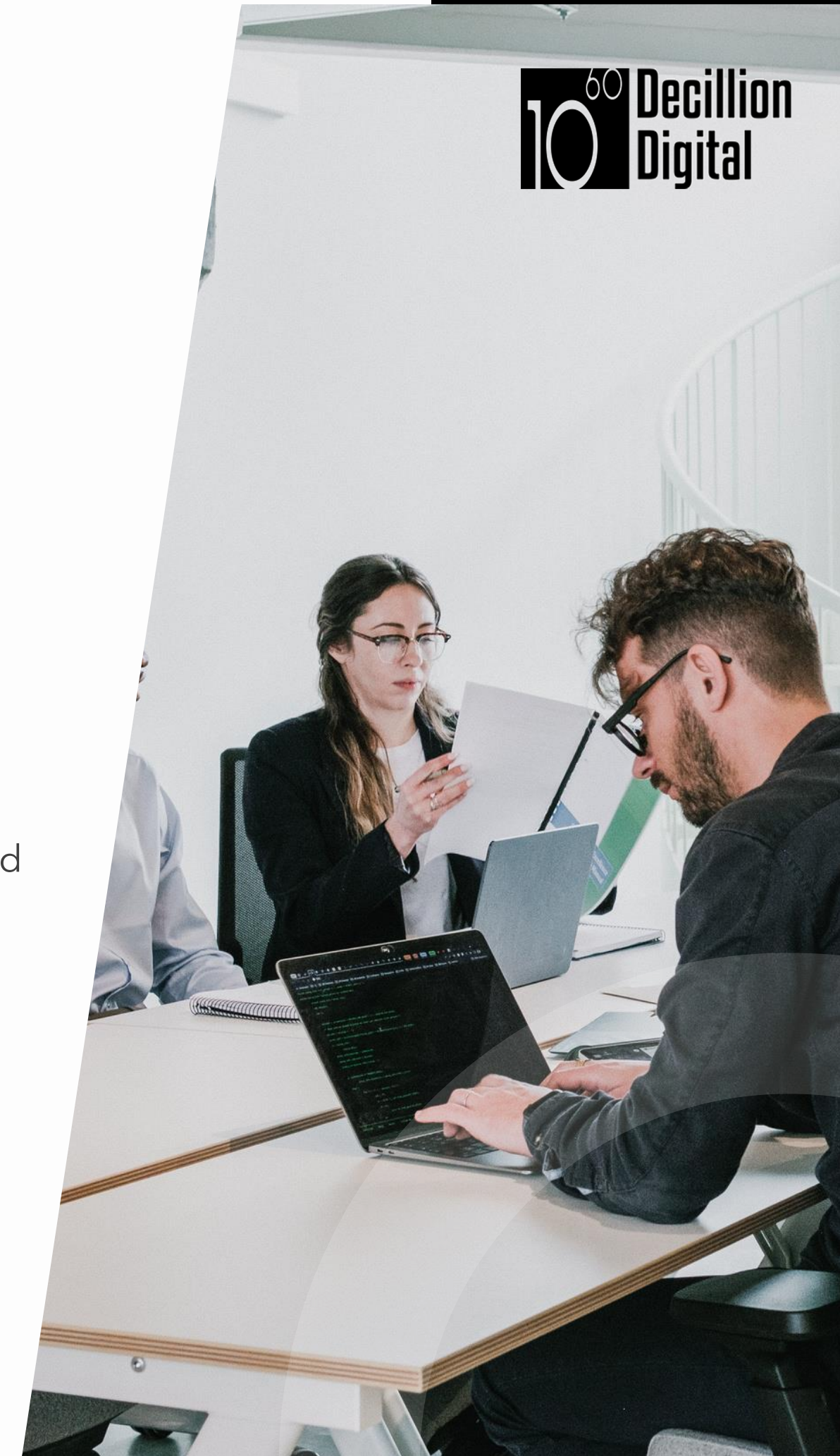
SERVICE FEATURES

- Comprehensive user research to understand Cloud data needs across Azure, AWS, and GCP.
- Engagement with stakeholders and service users for holistic insight.
- Analysis of business processes and Cloud service operations to inform strategies.
- Profiling internal/external data sources and identifying relevant technology.
- Interactive workshops and interviews for thorough environment and capability understanding.
- Creation of initial designs and prioritized use case backlog for actionable insights.
- Development of MVP/prototypes and Alpha/Beta data packages for validation.
- Testing proof-of-concept data analytics cloud platforms for efficiency and scalability.
- Planning and preparation for smooth transition to Alpha phase with well-scoped objectives.
- Modelling effective data structures for post-migration cloud-based services to optimize performance and support future scalability.



SERVICE BENEFITS

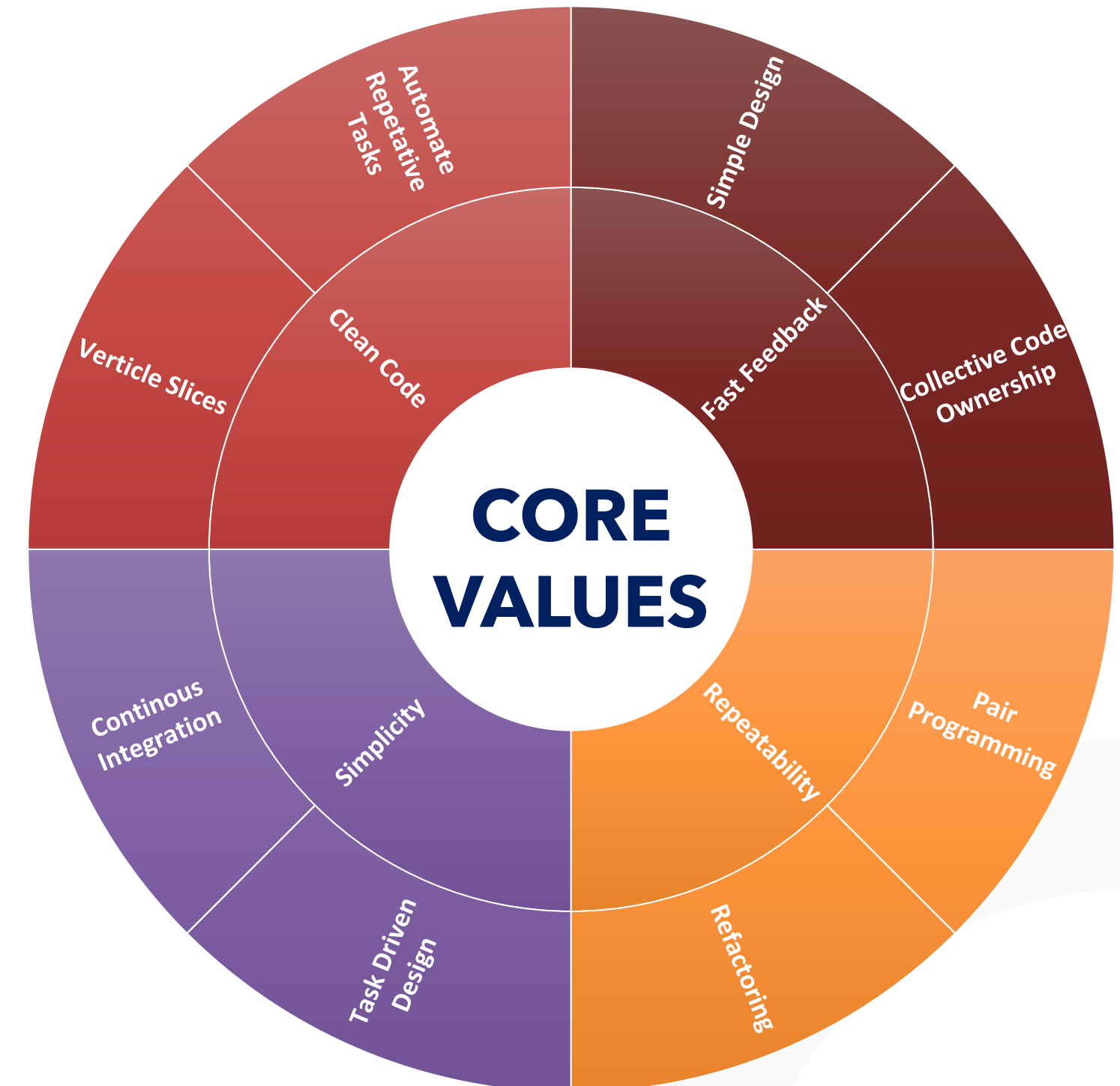
- Comprehensive understanding of digital data service needs across Azure, AWS, and GCP.
- Understanding of the 'squad' required for successful outcome delivery.
- Insight into cloud data risks, constraints, and their mitigations.
- Improved forecasting and predictive actions with Cloud data services.
- Confidence in realizing desired service outcomes.
- Actionable, insight-driven data outcomes identified for informed decision-making.
- Preparation for seamless transition to Alpha phase data design/development.
- Utilization of highly experienced migration staff for all work.
- Innovation achieved through properly architected data-first approaches, tailored digital Cloud services, and improved data visualization/understanding.
- Clear identification of desired data outcomes through detailed analysis.



DEVELOPMENT APPROACH

Our development approach is grounded in a set of core values designed to maximize efficiency, foster innovation, and maintain high standards of quality. We prioritize clean code, simplicity, and collaboration, ensuring every project is aligned with these principles for optimal results.

- **Vertical Slices:** We tackle development in vertical slices, breaking down features into manageable parts that cross all necessary layers, from the user interface down to the data model. This method allows us to deliver functional enhancements in a steady, incremental fashion.
- **Clean Code:** Emphasis is placed on writing clean, understandable, and maintainable code. We regularly refactor to improve code quality, eliminating unnecessary complexity and ensuring that the codebase remains accessible for all team members.
- **Simple Design:** Our design philosophy is to keep things simple. We avoid over-engineering and focus on the essentials that provide value, making our solutions easier to develop, test, and maintain.
- **Fast Feedback:** By integrating continuous testing and integration practices, we ensure rapid feedback on the impact of changes, allowing for quicker iterations and adjustments based on real-time results.
- **Collective Code Ownership:** We encourage all team members to contribute to and review each other's code. This collective ownership helps spread knowledge across the team and improves code quality.



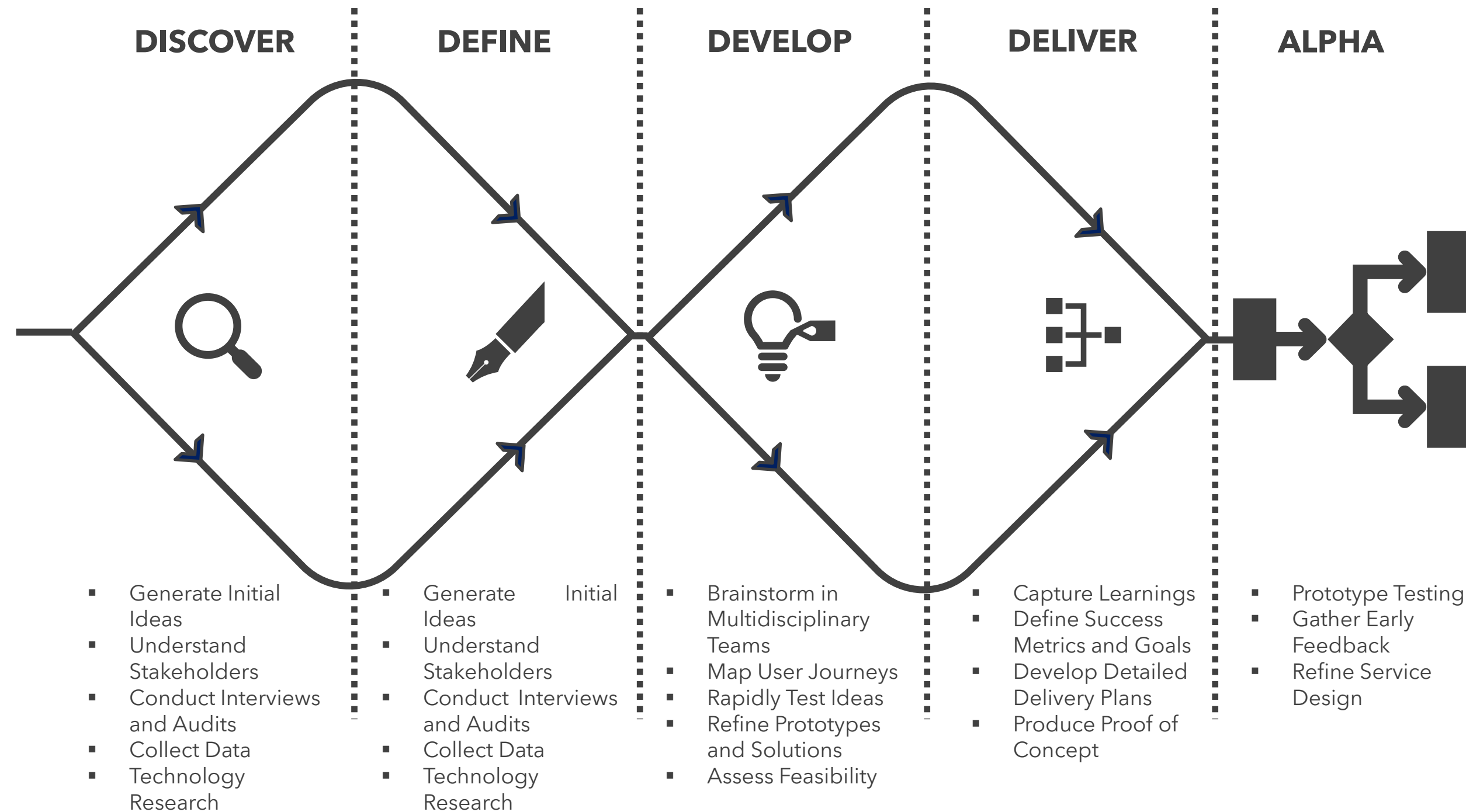
DEVELOPMENT APPROACH (Continued)

- **Repeatability:** We establish standardized processes and automation for tasks that ensure consistency and efficiency in our workflow, reducing the risk of errors and allowing for scalable growth.
- **Pair Programming:** Two minds are better than one, which is why we utilize pair programming to enhance solution quality and foster knowledge sharing among developers.
- **Refactoring:** Continuous refactoring is integral to our process, ensuring that our solutions not only meet current requirements but are also adaptable to future changes without excessive rework.
- **Continuous Integration:** We integrate work frequently to detect issues early, reduce integration problems, and ensure that our software is always in a releasable state.
- **Task-Driven Design:** Development tasks are directly tied to specific, actionable items that are designed to deliver tangible results, ensuring that all efforts contribute directly to project goals.
- **Simplicity in Processes:** We aim to simplify not just our code, but also our methodologies and processes, streamlining efforts to improve focus and effectiveness.

This comprehensive approach ensures that our projects are not just completed but are done so with the highest standards of quality and efficiency, aligning closely with our core values to drive success.

DESIGN APPROACH

Our Double Diamond framework outlines a structured approach to design by researching user needs, determining relevant metrics, and exploring both technological and policy constraints.



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.

