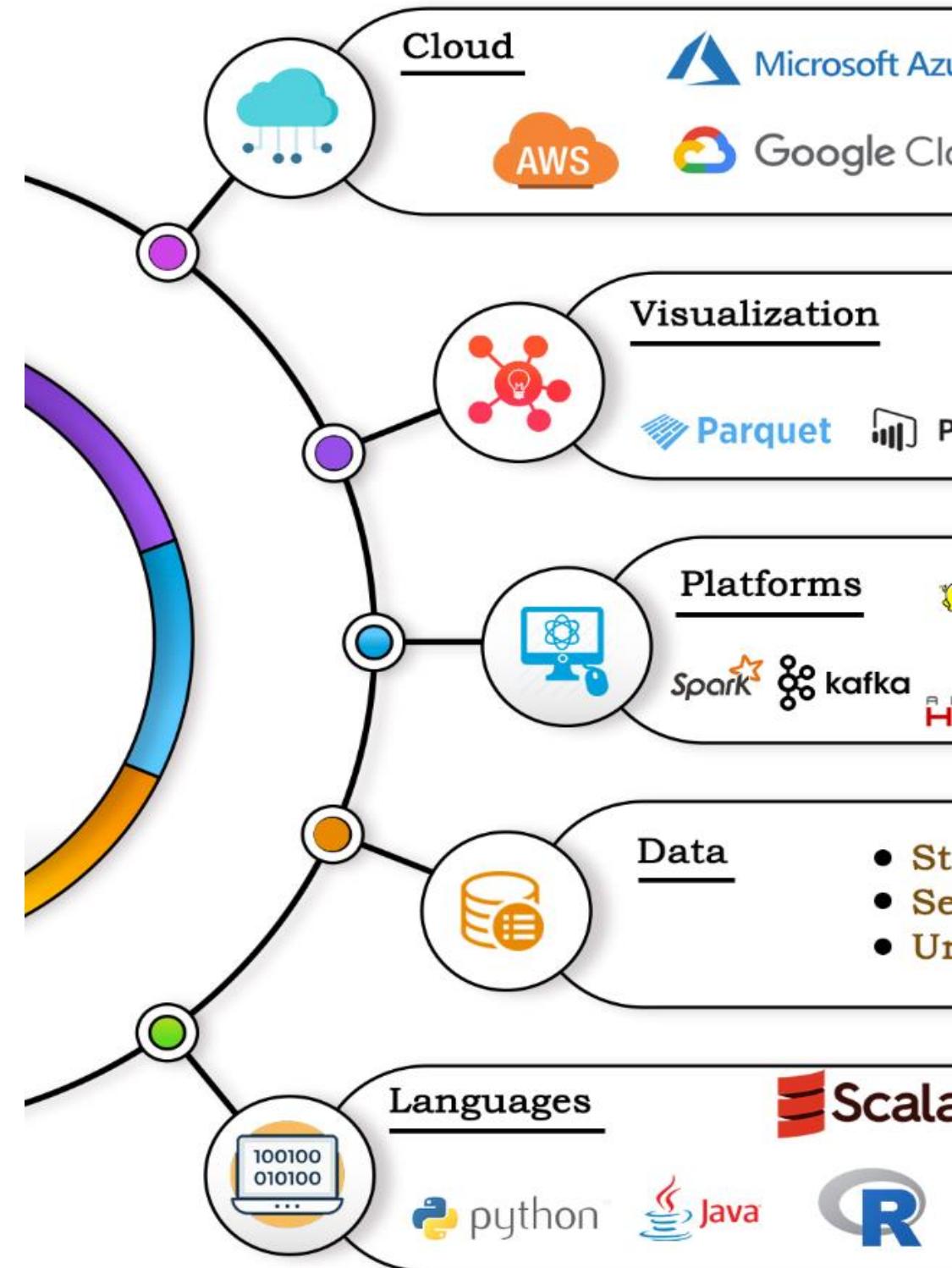




Data Engineering: Empowering Your Data



About Kastech

Founded in 2007 with headquarters in Houston, TX. Founding members are ERP/BI/Cloud stalwarts who had worked with Fortune 500 companies in setting up their ERP systems

► Our Specialty:

- Innovative RPA, AI, ML & Digital Transformational Services
- Other Value-added innovative products & services
 - Automated Testing for Enterprise and cloud applications; Stress Testing
 - UI/UX, Mobile Apps
 - Data Scrambler/Masking/Encryption, Cyber Security
 - Rapid Deployment methodologies and continuous support services

► Our Focus:

- Quality Assurance
- Agility
- Customer Success
- Data Privacy

Major Clientele

Higher Education



Healthcare & Pharma



Energy, Oil & Gas



Public Sector



Retail & Fashion



Commercial



Logistics



Banking & Finance

JPMORGAN CHASE & CO.



Aviation



Utilities



Our Credentials



More than a decade of experience delivering large scale projects with utmost customer experience and satisfaction.



100+ successful
engagements



ITIL
driven processes



Technology and
Domain expertise

Data Engineering Capabilities Overview

Discover the breadth of our data engineering capabilities, harnessing cutting-edge technologies and best practices to transform, optimize, and unlock the full potential of your data.

Data Governance

Establish robust data governance frameworks, policies, and processes to ensure data quality, security, and compliance.

Data Migration

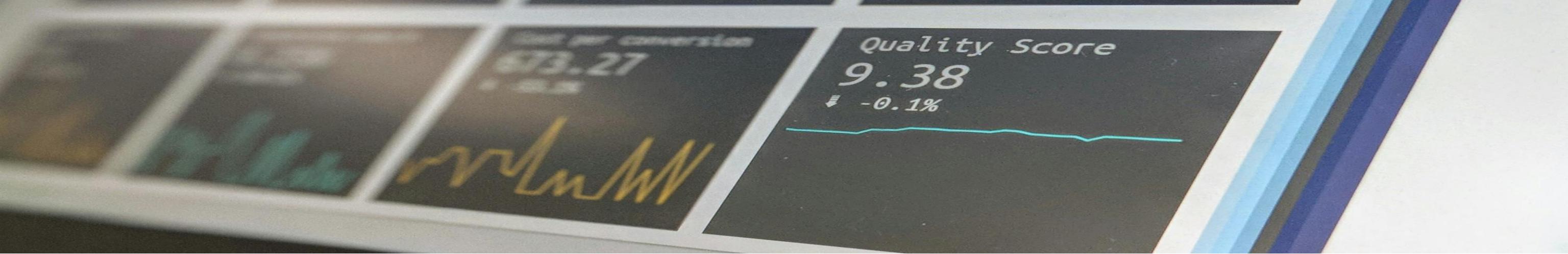
Efficiently migrate data from legacy systems to modern platforms, minimizing disruption and maximizing data integrity.

Data Integration

Seamlessly integrate data from disparate sources, enabling unified views and insights across your organization.

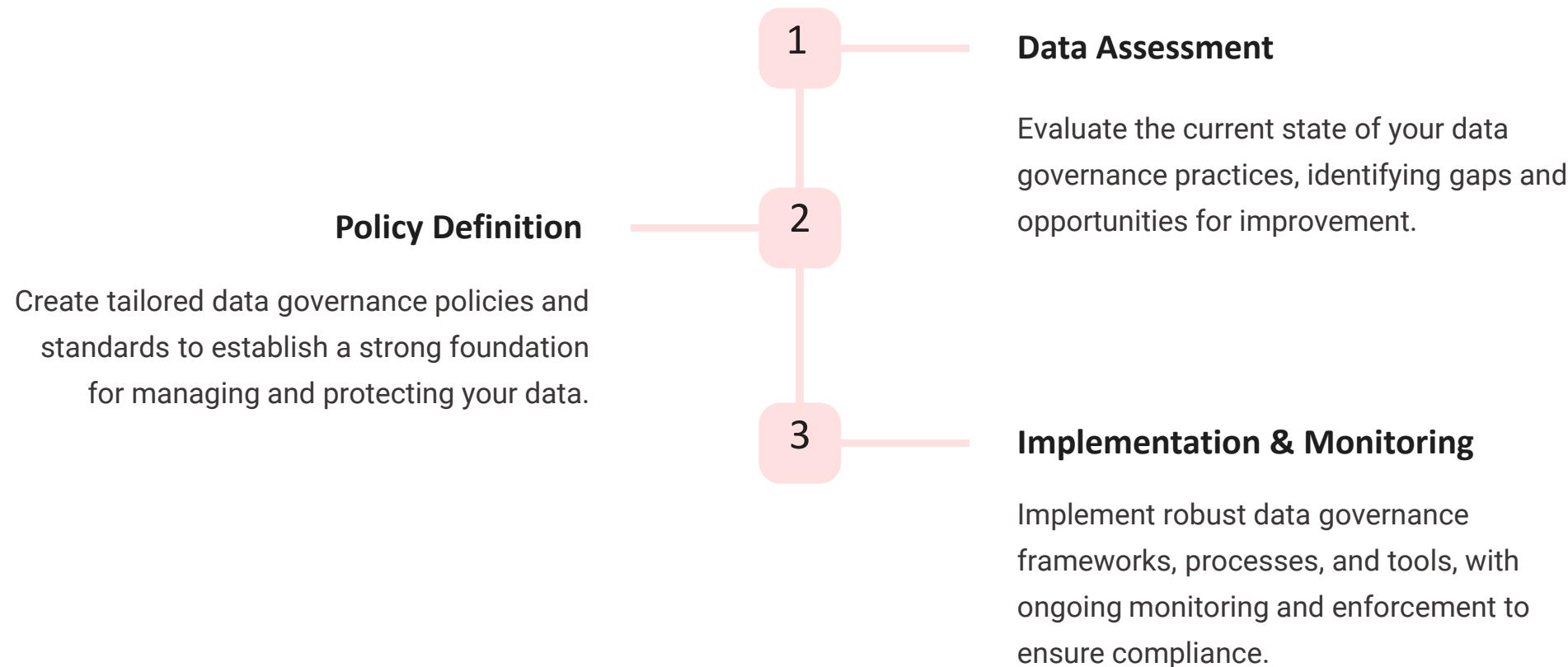
BI Visualization

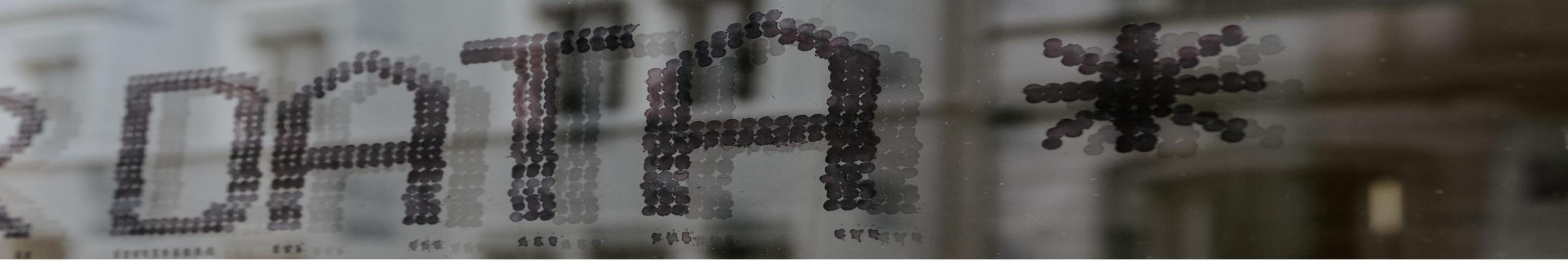
Transform complex data into interactive visualizations, empowering stakeholders to make informed decisions.



Data Governance Services

Unlock the full value of your data with our comprehensive data governance services, ensuring data quality, privacy, and regulatory compliance.





Data Migration Services

Seamlessly migrate your data from legacy systems to modern platforms, ensuring security, data integrity, and minimal disruption to your operations.

Assessment & Planning

Conduct a comprehensive assessment of your data landscape, formulate a detailed migration strategy, and establish clear objectives.

Data Cleansing & Transformation

Transformation

Identify and resolve data quality issues, perform necessary transformations, and optimize data structures for the target system.

Validation & Testing

Thoroughly validate and test the migrated data, ensuring accuracy, completeness, and data consistency in the new environment.



Integration Services

Establish seamless data integration across your organization, breaking down data silos, and enabling real-time access to the information you need.

API Integration

Connect systems and applications through secure APIs, enabling smooth data exchange and interoperability.

ETL Processes

Streamline data extraction, transformation, and loading processes, ensuring data consistency and accuracy across integrated systems.

Real-time Data Streaming

Implement real-time data streaming solutions, enabling instant access to up-to-date information for timely decision-making.

Business Intelligence and Visualization

Unleash the power of your data with our business intelligence and visualization solutions, empowering you to gain actionable insights and drive strategic decision-making.

Dashboard Creation

Create interactive and intuitive dashboards tailored to your specific needs, providing visual representations of key metrics and trends.

Advanced Analytics

Utilize advanced analytics techniques, such as predictive modeling and data mining, to uncover hidden patterns and valuable insights.

Self-Service BI

Empower business users to explore and analyze data on their own with self-service BI tools, reducing dependence on IT resources.



Case Studies and Success Stories

Discover how our data engineering solutions have transformed organizations, driving innovation, efficiency, and competitive advantage.

Our client, a prominent fintech company, was facing challenges with their existing analytics platform, Looker. Despite Looker's capabilities, the client sought a more robust and scalable solution to meet their evolving business needs.

Challenges :

Looker's scalability issues, limited integration with the client's tech stack, and complexity in report creation hindered the client's ability to make data-driven decisions due to the growing dataset volume.

Our Approach:

Our team conducted a comprehensive assessment of the client's data infrastructure, business processes, and pain points to create a migration plan. We designed a customized Power BI solution, leveraging our expertise in both Looker and Power BI. A phased migration strategy was implemented to minimize downtime and data loss. Power BI was seamlessly integrated with the client's existing systems, ensuring a seamless data flow across the organization.

Benefits Realized:

Power BI offers enhanced scalability, improved integration, streamlined reporting, advanced analytics, and cost efficiency. It addresses data volume challenges, provides a stable platform for growth, and streamlines report creation. Its advanced analytics features enable deeper insights, supporting informed decision-making. The client also noted reduced costs related to analytics operations, demonstrating the value of Power BI in a cost-effective solution.

A dynamic industrial data organization, relied on Salesforce data and Tableau CRM reports. They faced issues with their analytics configuration and hired us to rebuild their dashboards using Microsoft Power BI for improved self-service BI capabilities.

Challenges :

The Tableau CRM reports lacked self-service BI features, limiting the client's ability to make data-driven decisions. The Salesforce environment's data silos restricted seamless data integration from other sources, limiting a holistic view for analysis. The client required a solution that allowed greater customization and flexibility in designing dashboards tailored to their unique business needs.

Our Approach:

The client's existing Tableau CRM reports were analyzed, leading to a strategic plan to rebuild dashboards using Power BI. Data was unified from Salesforce, creating a comprehensive dataset. Custom dashboards were designed, empowering end-users to interpret data independently. Power BI's self-service features were implemented, allowing users to create reports and perform ad-hoc analysis. Training sessions were conducted for successful adoption.

Benefits Realized:

Power BI's self-service features empowered end-users to analyze data independently, promoting data-driven decision-making. It offers a holistic data view, customizable dashboards, improved efficiency, and real-time insights, reducing IT dependency. Its flexibility allows for customized dashboards, ensuring timely responses to market changes and trends.



Next steps and how to engage with us

Take the next step in your data engineering journey and explore the possibilities with our expert team. Contact us today to schedule a consultation and discuss your specific needs.