



Meeting the Challenge of Exponential Data Growth

Data is growing exponentially, driving a never-ending series of requests — and opportunities — for new and updated analytics. Constrained by development cycles, limited resources and brittle IT systems, it's difficult for data analytics teams to keep up. Inevitably this mismatch can prevent a company from fully realizing the strategic benefit of its data.

The DataKitchen Platform

DataKitchen offers a DataOps Platform that enables data-analytics teams to improve their productivity, quality and efficiency by an order of magnitude. The DataKitchen Platform helps analytics teams to develop, deploy, orchestrate and monitor multi-step, multi-tool (SQL, Informatica, DataStage, SSIS), multi-store (S3, Hadoop, Netezza, Redshift, SQL Server, Oracle) data engineering pipelines both on-premises and in the cloud (AWS, Google, Azure). The DataKitchen Platform provides support for the following capabilities:

ORCHESTRATION AND MONITORING

- Execution of data pipelines (orchestration) including source reads and writes, ETL, custom code, models, scripts, visualizations and more
- Management of production environments
- Automated testing and monitoring (statistical process control) of data quality with alerts
- Data operations reporting & dashboards
- Consolidated logs



Figure 1: The DataKitchen Platform Ensures Data Quality and Orchestrates the Transformation of Data to Value

SAFE DEPLOYMENT

- Agile development of analytic pipelines
- Continuous deployment of new ideas
- Source-code version control
- Management of development environments
- Code reuse and containerization

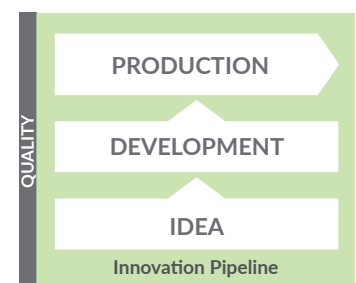


Figure 2: Deploy New Ideas with Confidence

The DataKitchen Platform is the central application that coordinates any and all tools that drive the testing, analytics deployment, model deployment, development-environment management, change management, and data integration in your pipelines.

The high degree of automation offered by the DataKitchen Platform eliminates a great deal of manual work, freeing up the team to create new and innovative analytics for the benefit of stakeholder partners.

The DataKitchen Advantage

With the DataKitchen Platform, the data-analytics team executes at previously unimaginable speed, efficiency and quality, delivering new and valuable business insights faster.

Rapid-Response Analytics

– By enabling the rapid iteration of data and ideas, the DataKitchen Platform can inspire breakthroughs that vault the company to a leadership position in its markets.

Data Pipelines Under Your Control

– The end-to-end data pipeline from data sources to ETL to visualization is orchestrated, monitored and controlled using a single environment. Users leverage their preferred tools, ensuring rapid delivery of new ideas and insights.

Impeccable Data Quality – Data passes through tests and filters that ensure conformance to quality guidelines. When an issue occurs, the appropriate team member is alerted.

Automated Efficiency – New data feeds and analytics are automatically deployed using containers, freeing the data-analytics team from tedious manual processes. The analytics team can focus on its highest priorities — creating new analytics that create value for the company.

Realizing the Strategic Value of Data

The DataKitchen Platform makes analytics responsive and robust. This enables your data analysts and scientists to rise above the bits and bytes of data operations and focus on value-added analytics. This can help your organization transform your valuable data into strategic insight that enables you to win in the marketplace.

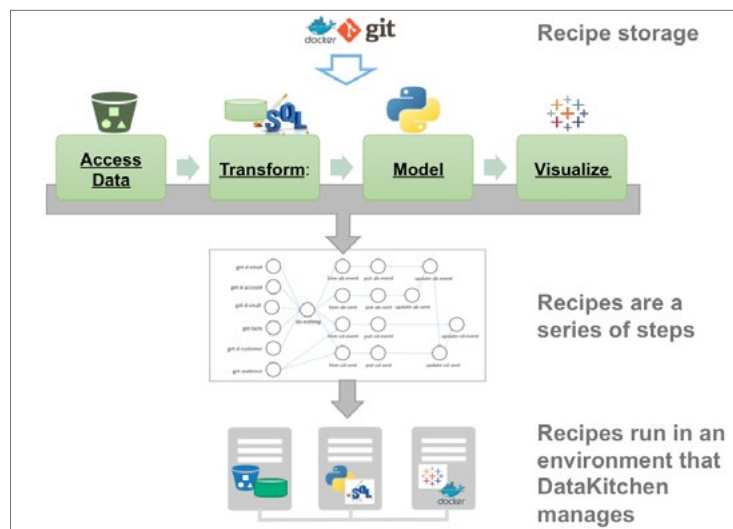


Figure 3: The DataKitchen Platform Orchestrates the Data Pipeline