



# Data Science Lab

We build you a lab where data scientists can deliver

**100**

specialized engineers

**4**

Fortune 500 clients

**Global**

presence in the US,  
Europe and Asia

**100%**

open source and cloud-native

## From magic to technology

Data  
preparation

Feature  
engineering

Experimentation  
and model training

Model selection  
and validation

Production serving  
and A/B testing

Machine learning and AI delivery platform  
Augmented by Grid Dynamics data and machine learning engineers



## We serve your data science team



### DEPLOY ML PLATFORM

Deploy our open source or cloud-native platform accelerator.



### PREPARE DATA

Our data engineers find and prepare data for scientists.



### OPTIMIZE MODELS

Our ML engineers productionalize scientists' models.

## Grid Dynamics delivers

### PRODUCTIVITY

increase in data science team

### ONE PLATFORM

from exploration to production

### AI AND ML

algorithms and frameworks

### ZERO

license cost and low TCO

### SECURE

access and data masking

### CLOUD-NATIVE

or agnostic deployments



Grid Dynamics

Contact us to learn more — [GRIDDYNAMICS.COM/CONTACT](https://griddynamics.com/contact)

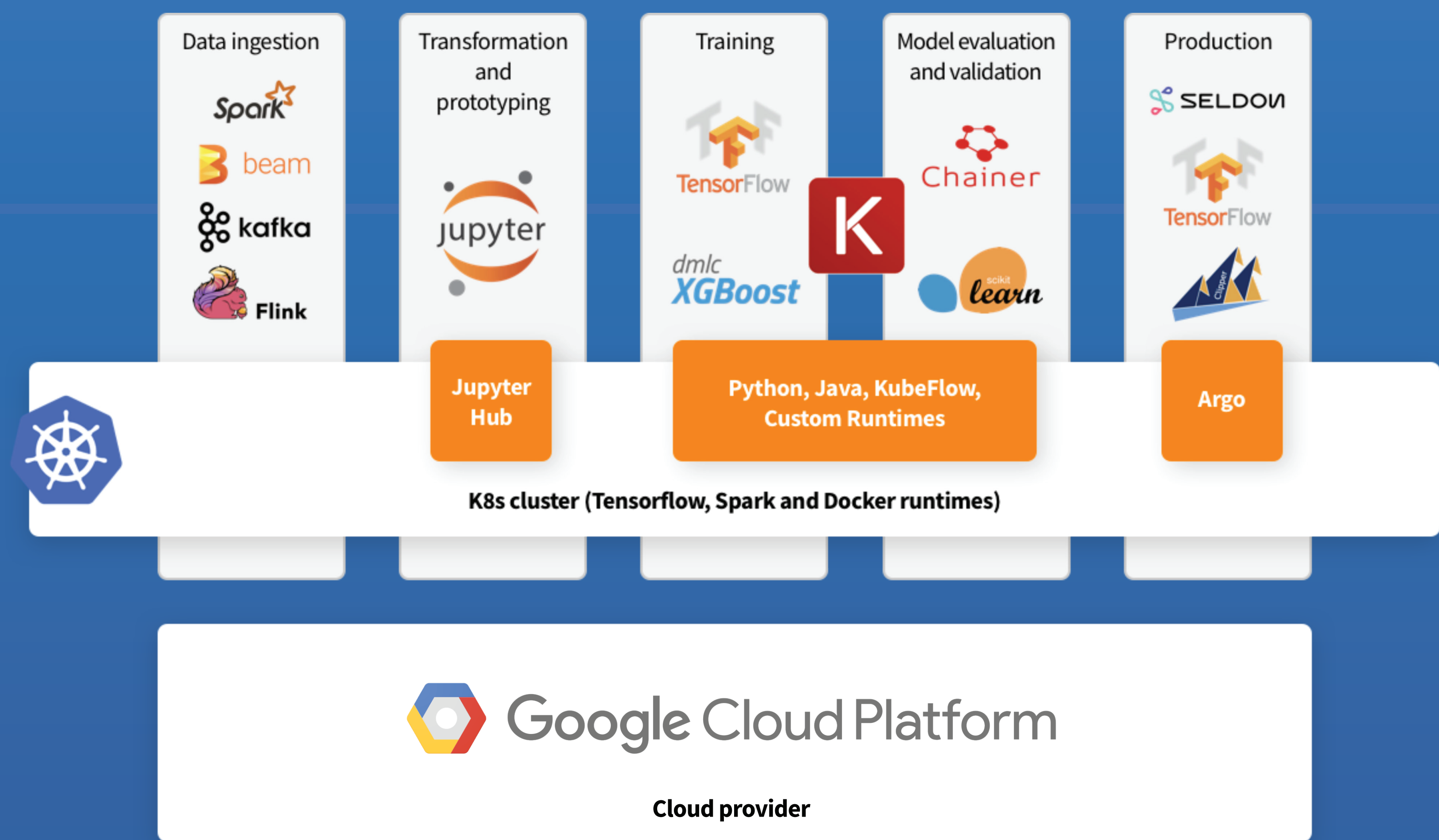
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# Machine learning and AI platform

with open source and cloud-native technology options

## Leverage our open source accelerator



## Machine learning platform capabilities

DATA PREPARATION	MODEL DEVELOPMENT, WORKSPACE	MODEL EVALUATION AND TESTING	MODEL PRODUCTION DEPLOYMENT	INTEGRATION WITH ENTERPRISE COMPONENTS
Data storage.	Model design.	Model evaluation with notebooks.	Production models deployment and serving.	Model serving API design.
Data ingestion and preparation.	Feature engineering.	Model deployment for testing.	Real-time processing and serving via REST API.	Security.
Data versioning.	Support for modern algorithms and libraries (AI and ML cases, traditional and deep learning).	Prediction execution with SDK predictors.	Batch and windowed processing (on-demand and on-schedule).	Scalability and load balancing.
Integration with analytical data platform (data lake and EDW).	Model training (local and remote).	Model versioning and storage.	Scheduled model retraining.	Throttling.
Data analytics access layer (sandboxes, visualization, SQL).	Model hyperparameters optimization.	Model library.	Experimentation and A/B testing.	Performance SLOs (latency, throughput).
Data quality.			Explanation.	Logging and monitoring.
				Model quality (outlier and bias detection).