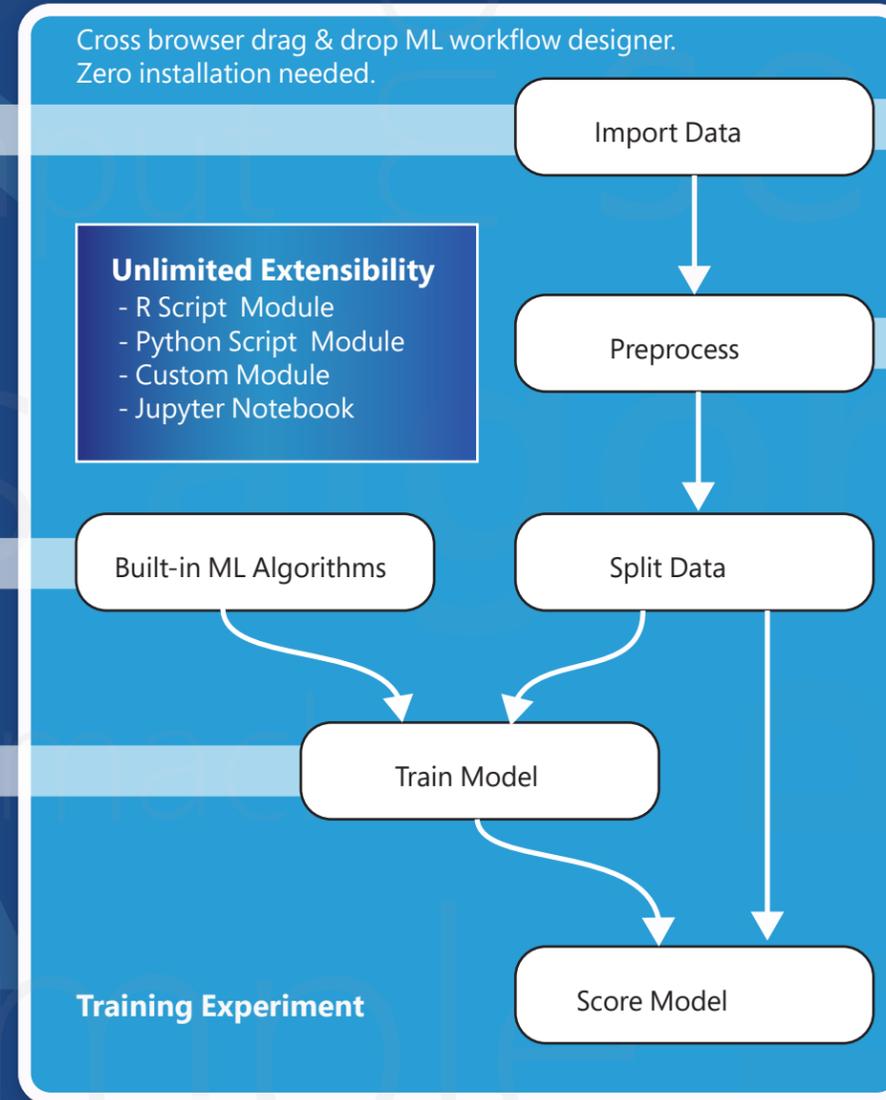


Guest Access Workspace: Free trial access without logging in.
Free Workspace: Free persisted access, no Azure subscription needed.
Standard Workspace: Full access with SLA under an Azure subscription.



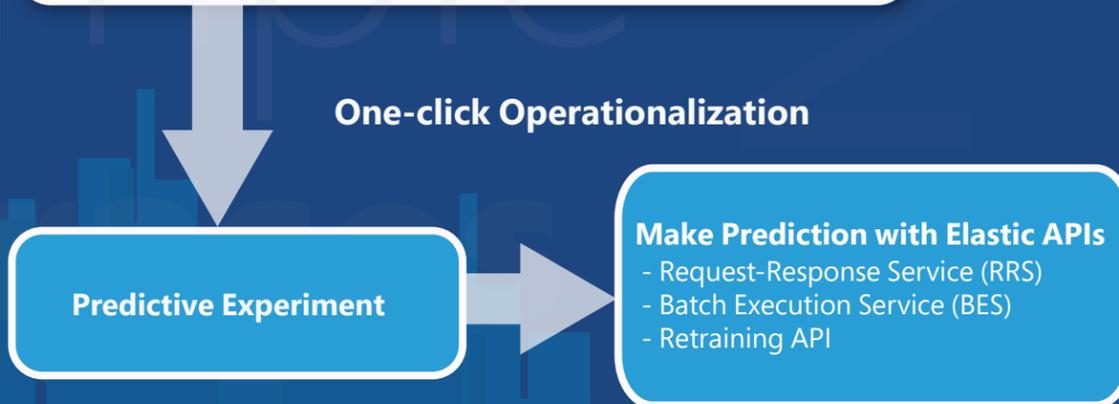
- | Data Source | Data Format |
|-------------------------|-------------|
| - Azure Blob Storage | - ARFF |
| - Azure SQL DB | - CSV |
| - Azure SQL DW* | - SVMLight |
| - Azure Table | - TSV |
| - Desktop Direct Upload | - Excel |
| - Hadoop Hive Query | - ZIP |
| - Manual Data Entry | |
| - OData Feed | |
| - On-prem SQL Server* | |
| - Web URL (HTTP) | |

- Data Preparation**
- Clean Missing Data
 - Clip Outliers
 - Edit Metadata
 - Feature Selection
 - Filter
 - Learning with Counts
 - Normalize Data
 - Partition and Sample
 - Principal Component Analysis
 - Quantize Data
 - SQLite Transformation
 - Synthetic Minority Oversampling Technique

- Enterprise Grade Cloud Service**
- SLA: 99.95% Guaranteed Up-time
 - Azure AD Authentication
 - Compute at Large Scale
 - Multi-geo Availability
 - Regulatory Compliance*

- Community**
- Gallery (<http://gallery.azureml.net>)
 - Samples & Templates
 - Workspace Sharing and Collaboration
 - Live Chat & MSDN Forum Support

* Feature Coming Soon



- Make Prediction with Elastic APIs**
- Request-Response Service (RRS)
 - Batch Execution Service (BES)
 - Retraining API

Predictive Experiment

Machine Learning in ML Studio

Anomaly Detection

- One-class Support Vector Machine
- Principal Component Analysis-based Anomaly Detection
- Time Series Anomaly Detection*

Classification

- Two-class Classification**
- Averaged Perceptron
 - Bayes Point Machine
 - Boosted Decision Tree
 - Decision Forest
 - Decision Jungle
 - Logistic Regression
 - Neural Network
 - Support Vector Machine
- Multi-class Classification**
- Decision Forest
 - Decision Jungle
 - Logistic Regression
 - Neural Network
 - One-vs-all

Clustering

- K-means Clustering

Recommendation

- Matchbox Recommender

Regression

- Bayesian Linear Regression
- Boosted Decision Tree
- Decision Forest
- Fast Forest Quantile Regression
- Linear Regression
- Neural Network Regression
- Ordinal Regression
- Poisson Regression

Statistical Functions

- Descriptive Statistics
- Hypothesis Testing T-Test
- Linear Correlation
- Probability Function Evaluation

Text Analytics

- Feature Hashing
- Named Entity Recognition
- Vowpal Wabbit

Computer Vision

- OpenCV Library

- Data/Model Visualization**
- Scatterplots
 - Bar Charts
 - Box plots
 - Histogram
 - R and Python Plotting Libraries
 - REPL with Jupyter Notebook
 - ROC, Precision/Recall, Lift
 - Confusion Matrix
 - Decision Tree*

- Training**
- Cross Validation
 - Retraining
 - Parameter Sweep

- Unlimited Extensibility**
- R Script Module
 - Python Script Module
 - Custom Module
 - Jupyter Notebook