Qlik AutoML

Automated Machine Learning

Kyle Jourdan
Senior Manager,
AutoML Solutions

Qlik's Augmented Analytics Capabilities

A full suite of AI features working together

Advanced Analytics Integration

Direct integration with 3rd party data science platforms via. APIs, allowing business users to explore in real-time

Insight Advisor

AI assistant in Qlik Sense® for insight generation, task automation, natural language interaction (NLP/NLG)

Qlik AutoML™

Automated creation of machine learning models from historical data to test scenarios and predict future outcomes
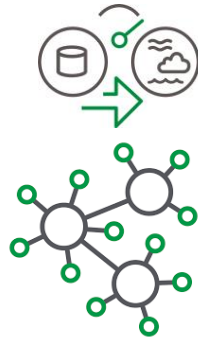
Qlik Q   LEAD WITH DATA

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Qlik Auto Machine Learning Capabilities
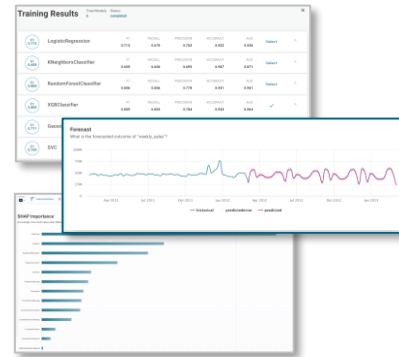
Automated Pattern Recognition and Predictions at Scale

Universal Data Access

Machine Learning – Ready Data Sets

Automated Model Creation and Pattern Recognition

Simple Deployment at Scale

Apps

Mobile

Custom & Embedded

- Pull all data assets into one place across cloud, on-prem, and public data sources to build powerful sources of information
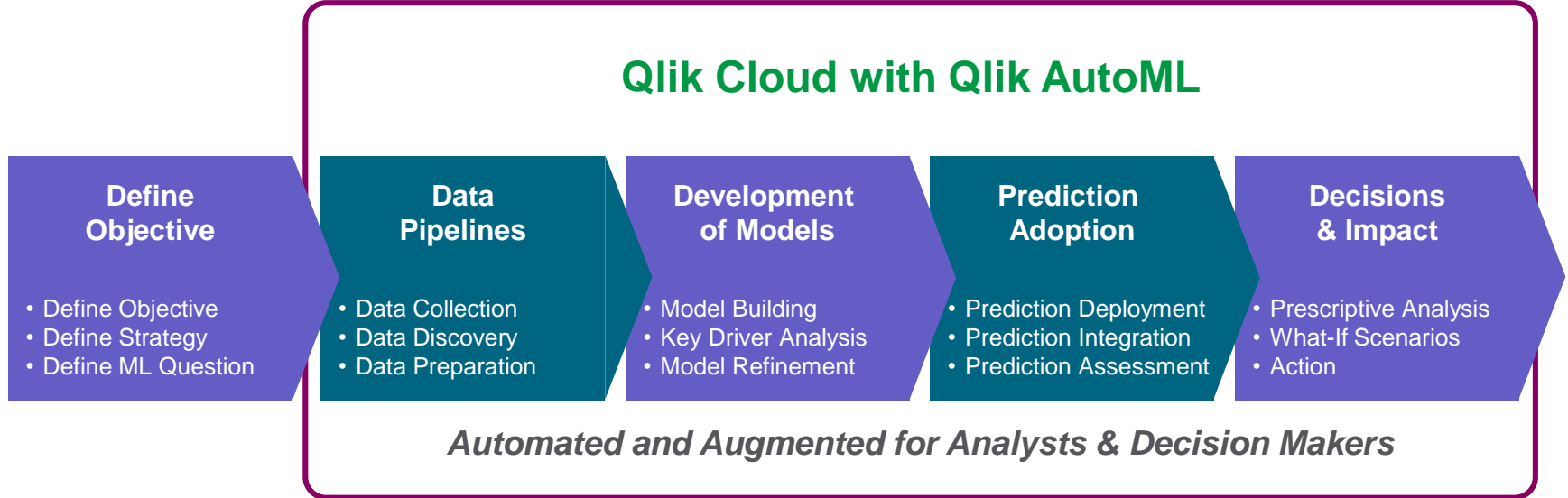
- Only end-end multi-cloud platform

- Build a machine-learning ready data model that combines all relevant information to unlock unexpected relationships and insights

- Find signals and patterns across a wide universe of data

- Quickly build powerful ML models that find patterns, insights, and drivers across vast data sets of data

- Run "what-if" scenarios and evaluate parameters that affect your outcomes

- Discover key drivers that influence predictions and underpin patterns

- Deploy models into mission critical systems, business process, products and services

- Provide real-time predictions and alerts to your workforce

- API provides extensibility and direct product integration

The Data Science Lifecycle

How Qlik automates the lifecycle for successful outcomes

Qlik Cloud with Qlik AutoML

Define Objective
- Define Objective
- Define Strategy
- Define ML Question

Data Pipelines
- Data Collection
- Data Discovery
- Data Preparation

Development of Models
- Model Building
- Key Driver Analysis
- Model Refinement

Prediction Adoption
- Prediction Deployment
- Prediction Integration
- Prediction Assessment

Decisions & Impact
- Prescriptive Analysis
- What-If Scenarios
- Action

Automated and Augmented for Analysts & Decision Makers

The Value of AutoML
Machine Learning for the "other 90%"

Manufacturing & High Tech
- Demand Forecasting
- Quality & Machine Breakdown
- Warranty Analytics

Healthcare
- Patient Admission Forecasting
- Readmission Analysis
- Appointment Cancellations

Communications
- Customer Segmentation/Churn
- Quality/Process Control
- Next Best Offer/Action

Financial Services
- Credit Risk Analysis
- Loan Default
- Customer Growth / Retention

Public Sector
- Crime Prevention
- Transportation Optimization
- Recidivism

Retail & Consumer
- Customer Repurchase Propensity
- Retail Store Selection
- Inventory Stock-outs

Life Sciences
- Territory Alignment
- Campaign Management
- Demand Forecasting

Energy & Utilities
- Customer Churn
- Accounts Payable
- Peak Demand

Qlik AutoML

End-to-End Platform Demo