Enhancing Analytics with Angoss Software





Mark Do Couto

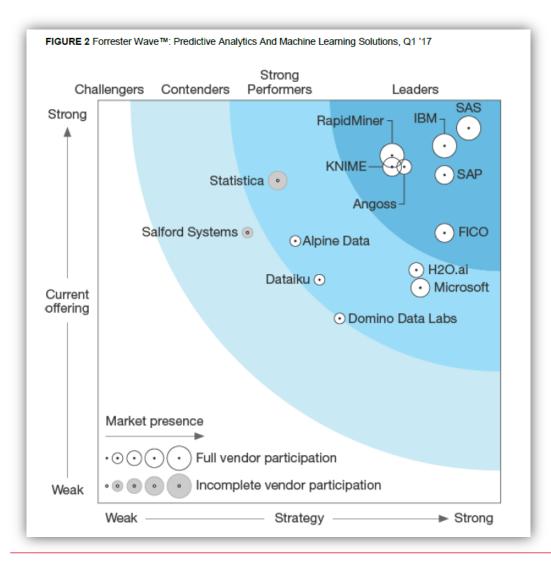
Head of Sales

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Angoss – Leader in 2017 Forrester PAML Wave



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Angoss is ready to be your primary solution

- Forrester, Q1 2017

Perfect marks for Angoss in -Dataset preparation, Solution accelerators / data science marketplaces, Model monitoring, and Model testing.

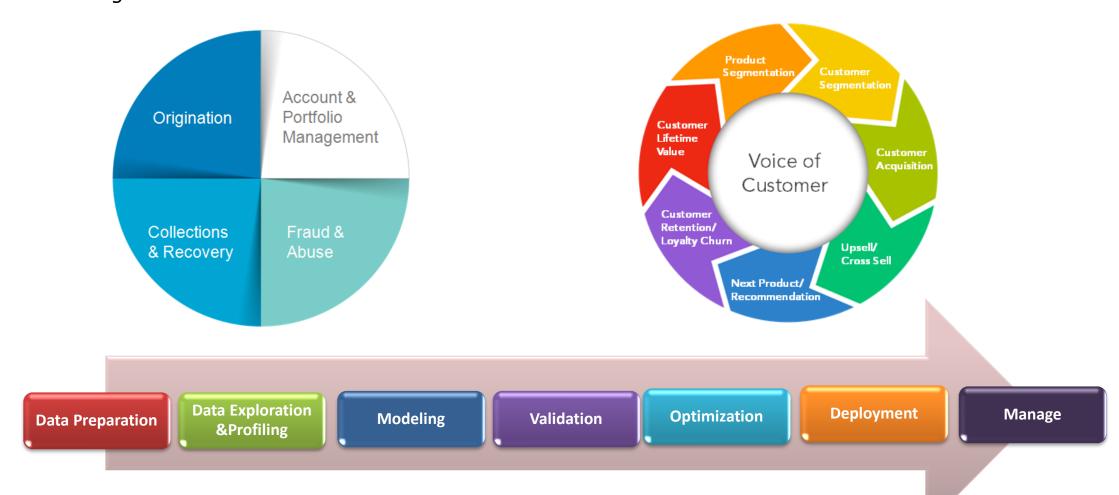
Angoss KnowledgeSEEKER is a musthave for data science teams that wish to use beautiful and comprehensive visual tools to build decision and strategy trees.



Which Area is Most Important to You?



Angoss predictive analytics software, services and solutions address key areas in Marketing and Financial Services









Hosting

∞

Services

Professional

KnowledgeENTERPRISE

Advanced Modeling

KnowledgeSTUDIO™

KnowledgeSEEKER™

- Data Profiling
- Segmentation
- Decision Trees
- Strategy Development

- · Linear and logistic Regression, Partial Least Squares (PLS) & **Constrained Regression**
- Survival Analysis
- Clustering
- Neural Networks
- Market Basket Analysis

- PCA
- Model Selector **Scorecard Building:**
- WOE Optimization
- · Coarse Classing
- Reject Inference
- Scorecard Editor
- · Generation of SAS,
- · SQL, PMML code

- · In-memory execution on Spark
- In-place analysis of data lakes
- · Parallel deployment of multiple projects
- Asynchronous execution
- · Automated scheduled scoring
- · Data access flexibility

Data Preparation & Reporting

KnowledgeCORE™

- · Code in the language of SAS, R, Python & SQL
- · Advanced data preparation







Automatic Code Generation

· Hadoop Data Access



Text Analytics

KnowledgeREADER™

- · Visual Text Discovery
- · Sentiment Analysis
- · Theme Analysis
- Natural Language Processing

Management

KnowledgeMANAGER™

- · Model Storage and Management
- Champion Challenger Model Comparison
- Monitor Model Performance
- Assess Model Degradation

Optimization

InsightOPTIMIZER™

- · Linear and nonlinear constrained optimization
- · Optimize decisions from models

- Record Level Optimization
- · Dataset Level Optimization

Visualization

Deployment

· BI Integration & Visual Analytics with Strategic Partners





In-Database

- Microsoft SQL
 Netezza
- Microsoft APS
- Teradata

Code-Generation

 Automatic generation of SAS, SQL, PMML & XML

Real-Time Scoring

- · Score models in real-time
- · Real time decisions to deployment systems

Big Data

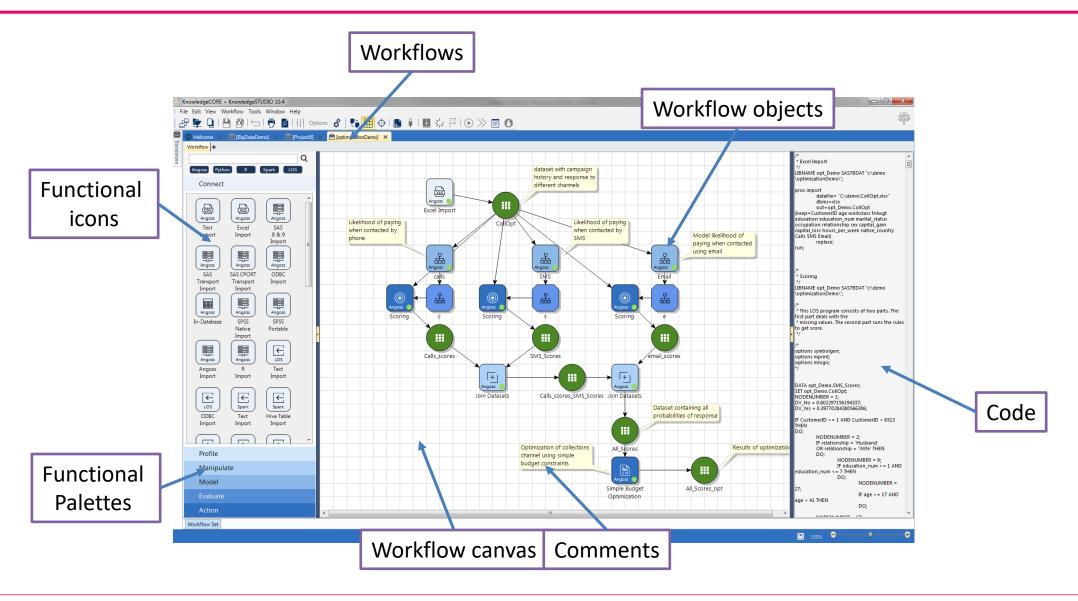
- Cloud or on-premises
- Physical or virtual environment
- · Hadoop/Spark





User Interface Overview









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