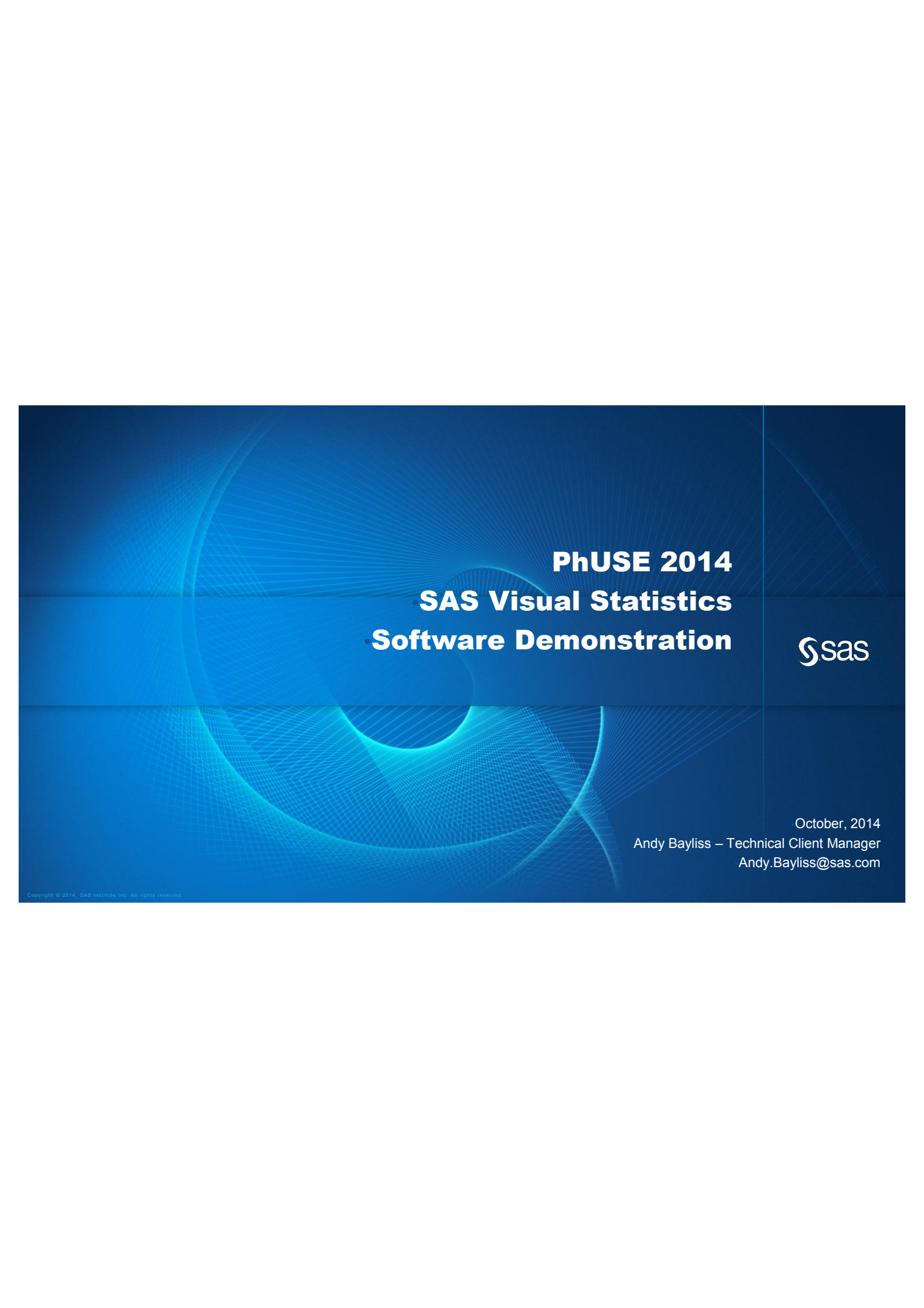




PhUSE 2014 SAS Visual Statistics Software Demonstration

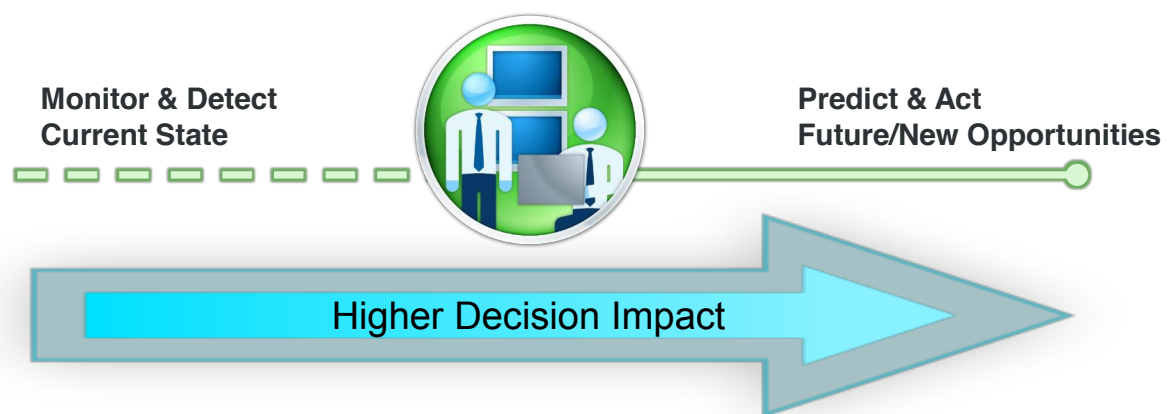


October, 2014

Andy Bayliss – Technical Client Manager
Andy.Bayliss@sas.com

**PREDICTIVE
ANALYTICS**

FORWARD THINKING





...use ad hoc exploration and visualizations to ask right questions and easily interpret results

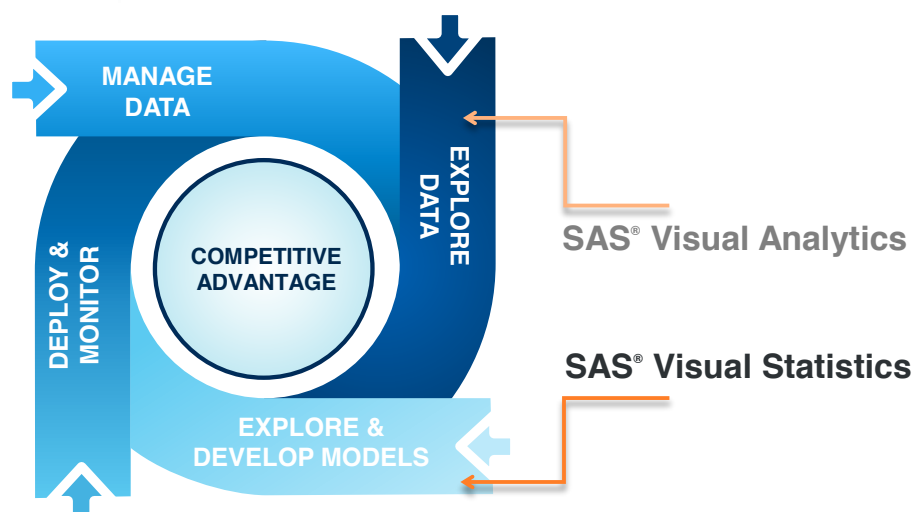
...provide very easy to use predictive modeling to quickly analyze large and diverse data

...interactively

- build and refine numerous predictive models until you are confident
- generate finer, segmented models to understand its impact on your decisions
- achieve fast response times to model adjustments

**SAS® VISUAL
STATISTICS**

FUELING THE DATA TO DECISION LIFECYCLE

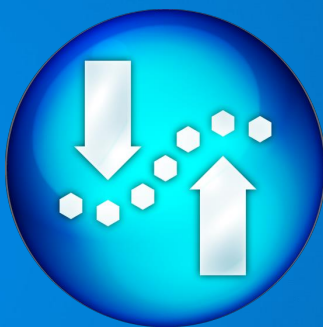


**SAS® VISUAL
STATISTICS**

INTERACTIVE EXPLORATION AND PREDICTIVE MODELING



**EXPLORE AND
DISCOVER**

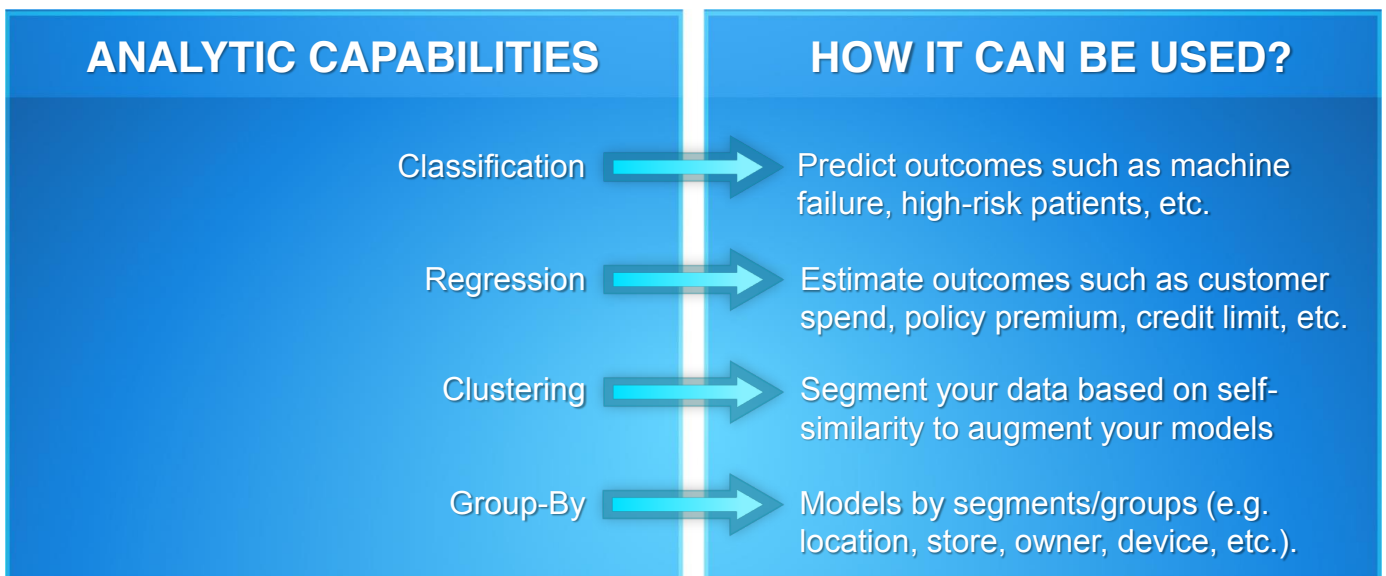


**PREDICT AND
REFINE**



**COMPARE AND
ASSESS**

SAS® VISUAL STATISTICS



SAS® VISUAL STATISTICS



MANIPULATE DATA

- Access structured and unstructured data
- Data filtering, including outliers
- Join/promote tables, compute columns
- Dynamic Group-By operations

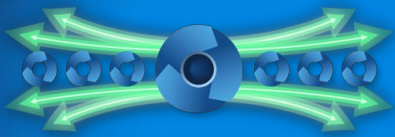
SAS® VISUAL STATISTICS



EXPLORE DATA

- Discover relationships between variables and augment model building process
 - Derive models directly from correlation matrices, scatter plots, & box plots
- Visualize results from the modeling process
- Understand individual variable's level of influence for all models

SAS® VISUAL STATISTICS



MODELING TECHNIQUES

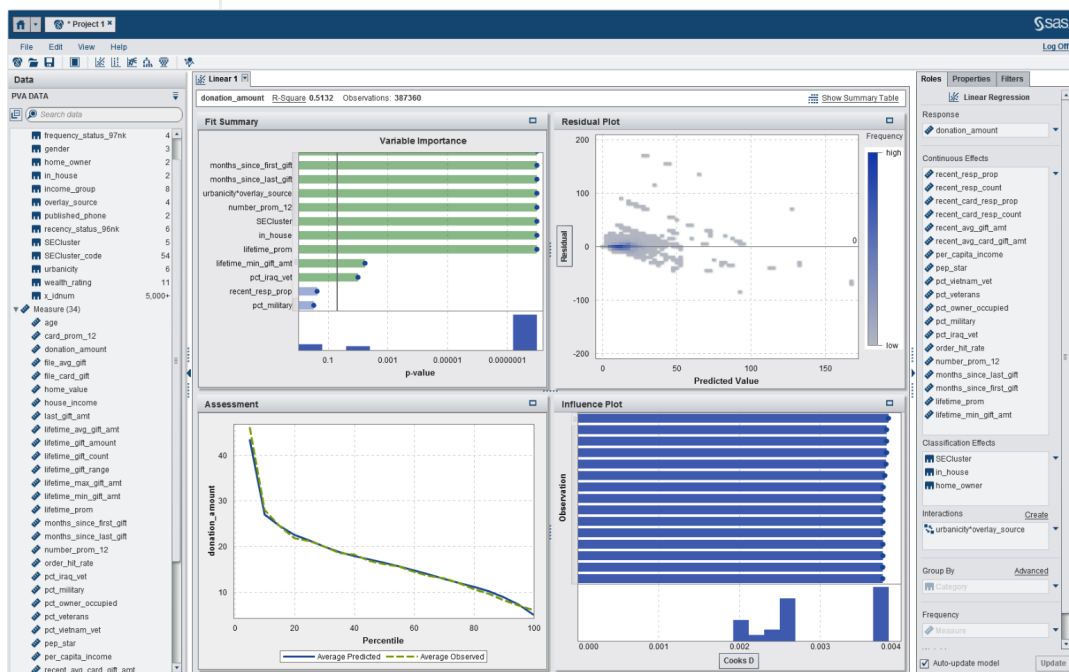
- Predictive Techniques
 - Linear Regression
 - Logistic Regression
 - Generalized Linear Model
 - Classification Trees
- Descriptive Techniques
 - Clustering
- Group-By Processing
- Auto-update

SAS[®] VISUAL STATISTICS
PRODUCT SCREENSHOTS



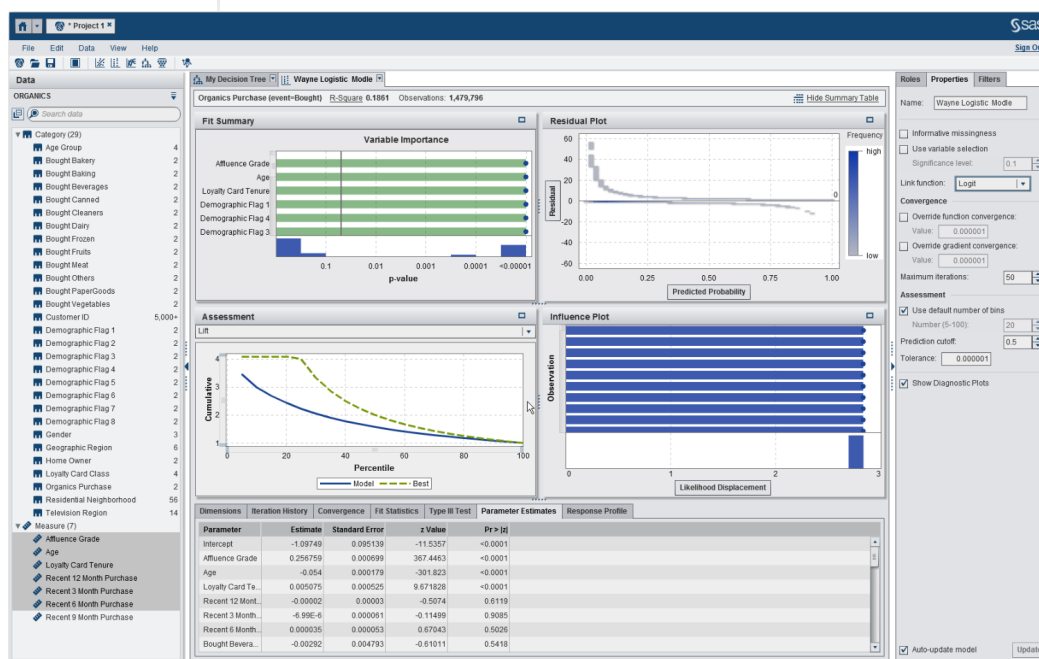
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LINEAR REGRESSION



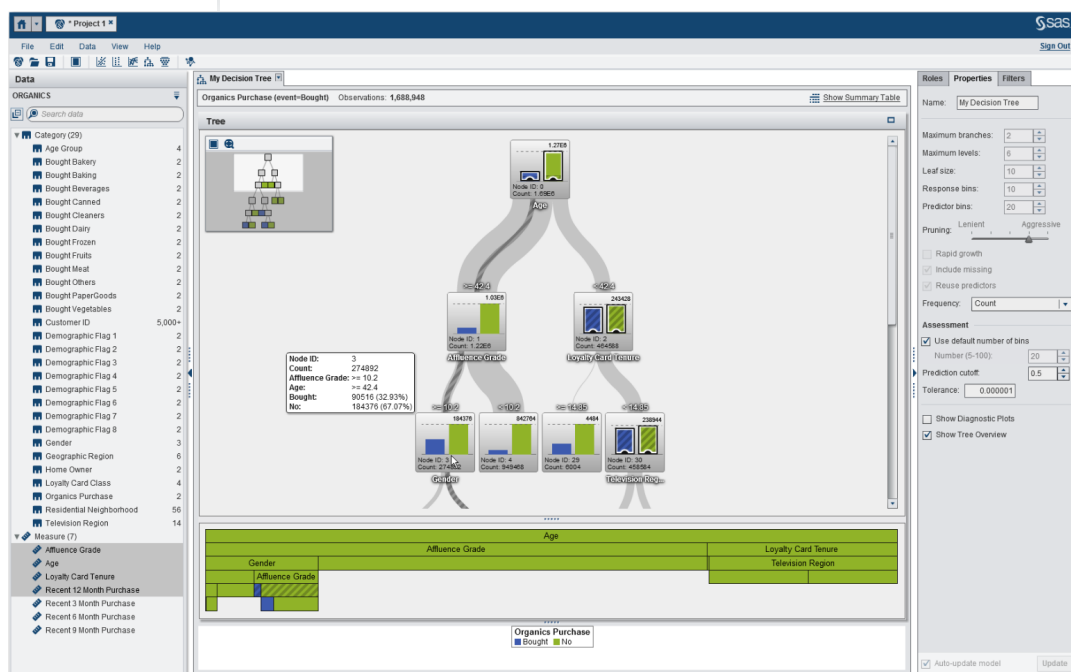
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LOGISTIC REGRESSION



**SAS® VISUAL
STATISTICS**

DECISION TREE

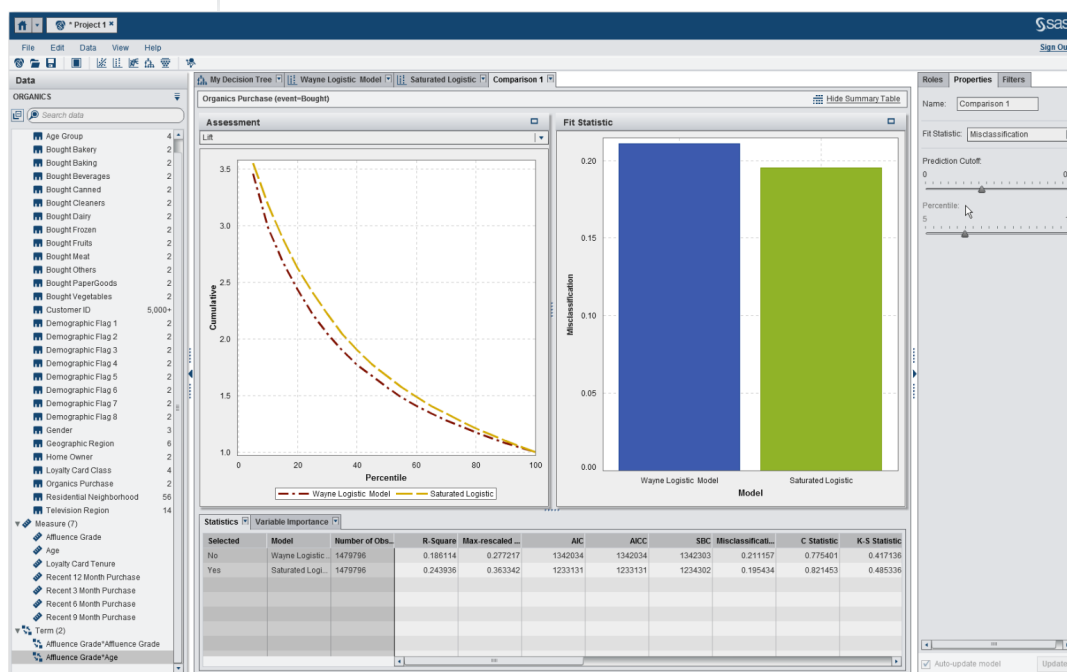


SAS® VISUAL STATISTICS CLUSTERING



SAS® VISUAL STATISTICS

MODEL ASSESSMENT



SAS® VISUAL STATISTICS

KEY BENEFITS



PRECISION

Best-in-class data discovery and analytics to derive precise insights and make targeted decisions



AGILITY

Spend more time perfecting your models to reflect changing conditions and less time waiting for answers



SPEED

In-memory Analytics provides speed, scale and concurrency for timely insights

SAS® VISUAL STATISTICS RESOURCES

EXTERNAL WEB PAGE

