

Graphical Analytics Syllabus

Beginner Level:

Overview and setup of Graphical Analytics Platform

Data manipulation - Filter, Aggregate and Visualize

Data Mining - Partition, Learn, Predict and Score

Classification

Regression

Clustering

Advanced Level:

Flow Variables

Workflow Control - Loop, Switches, Try - Catch

Date & Time and Integrations

Advanced Data Mining - Random Forest and Tree Ensembles

Parameter Optimization and Cross Validation

Sentiment analysis using Keras

Hands-on problems that we will workout during the class.

1. Customer segmentation and prediction
2. Housing value prediction
3. Stock market prediction
4. Credit card fraud detection