Teradata Vantage Analytics Workshop Advanced Training

Course Outline

01: Text and Association Functions using Vantage SQL syntax:
 • Text Analytics- TextParser, NGramSplitter, TF, TFIDF, Sentiment Functions and TextTagger with Visualization in AppCenter and Analyst
 • Association Analysis - Collaborative Filtering – CFilter with AppCenter Visualization

02: Statistical Analysis Functions using Vantage SQL syntax:
 • Support Vector Machines (SVM)
 • KNearestNeighbor (KNN)
 • Generalilzed Linear Model (GLM)

03: Clustering Analysis Functions using Vantage SQL syntax:
 • Canopy
 • KMeans
 • KModes
 • Guassian Mixture Model (GMM)

04: R and Python with Vantage:
 • Introduction to R and Python packages with Vantage
 • Using Python and teradataml with Sessionize, Attribution, nPath, and CFilter with visualizations in AppCenter
 • Using R and tdplyr with Transformation Functions (Scale and ScaleMap), Association Analysis (CFilter), and Predictive Modeling (DecisionForests)