SLIM-Metrics Training Course Syllabus

Day 1: Session 1 (3 hours)

- Course Overview
- Overview: SLIM-DataManager and SLIM-Metrics
- QSM Default Metrics, Custom Metrics, User Defined Variables
- SLIM-DataManager – Project List View
- Database and Project Reports

Exercise 1 – Open a database file and use project list view to explore projects and data.

- Getting Data into SLIM-DataManager
  - Manual data entry
  - Using the API
  - SLIM-Suite Import/export options
- Data entry tabs
- Custom Metrics and User Defined Variables
- Merging DataManager databases
- Importing projects and view layouts

Exercise 1a – Import projects from another database, review imported data and custom metrics, use validation and duplicates reports to manage database. Use keywords to tag projects that require review.

- Creating and managing keywords
- Opening a SLIM-Metrics workbook and linking to a DataManager database
  - How SLIM-Metrics and SLIM-DataManager work together
  - Using the Navigator and Chart/Report Outline
  - Understanding Bar Charts and Reports
- Queries and Data Set Definitions
  - Managing datasets (Dataset definitions tab)
  - Creating a dataset definition
  - Managing query conditions (Query Conditions tab)
  - Creating query conditions
  - Using queries wisely

Exercise 2 – Open a SLIM-Metrics workbook and use the Navigator to explore the linked DataManager database. Use the Dataset definitions and query conditions tab to build a new dataset definition.

Exercise 3 – Create a new view, add a generic scatter plot chart, clone it 3 times and display different metrics on each chart. Explore how core management metrics (schedule, effort, staffing, PI, defects) change with project size.

Exercise 4 – Create custom trends for the Business Agile dataset and import them into SLIM-Estimate to support new project estimates.

- Creating custom reference groups
- Generating trends
- Validating trends
- Displaying custom trends in SLIM-Metrics
- Excluding outliers and special projects from curve fits
- Importing trends into other SLIM-Suite tools