

DA 6223: Data Analytics Tools and Techniques

## **Week 2 Meeting Agenda**

#### I. Introductions

- a) Before we start, please ensure VDI (Virtual Desktop Infrastructure) is installed successfully, and the ORION dataset is downloaded in P drive.
- b) Check your access to the SAS software on VDI and let me know if there's any problem.

### II. Recap: Navigating SAS Enterprise Guide Workspace

- a) Introduction to SAS Enterprise Guide
- b) Steps of building a project
- c) Any questions?

### III. Exploring ORION Metadata Using SAS EG

- i) Describe the datasets in the relational database
- ii) Potential objectives of analyses
  - (1) Explore employees, customers, suppliers, and products related datasets

### IV. Accessing Data Parts 1 &2: Working with Data in a Project

- a) Understanding SAS Data Structure
  - i) Types of data, terminology
  - ii) Column attributes: required vs. optional
- b) Accessing Data
  - i) Using libraries to access data, predefined SAS libraries
  - ii) User-defined libraries
    - (1) Point-and-click method (Assign Project Library Wizard)
    - (2) Use LIBNAME statement (Write a SAS Code)
- c) Importing Data Files





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- i) Working with other data types: excel, txt, csv.
- ii) Import Data Wizard
- V. In-class Exercise #1
- VI. Q&A

