Helpful Reporting Techniques with SAS Enterprise Guide

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Outline

* Why SAS?
* Importing Data
* Manipulating Data
* Developing a Report
* Basic Macro Variables
* Demonstration
* Question/Answer

Why SAS?

* SAS – Statistical Analysis Software
* Industry Standard
* Various Uses
* Software/Database Integration
* Enterprise Guide
* Efficient

Importing Data

* SAS EG Import Wizard
* Import Procedure PROC IMPORT
* SAS Datasets
  * Unique to SAS
  * Can Include Descriptions

Manipulating Data

* Summary Functions
  * AVG/MEAN
  * SUM
  * COUNT
* Query Builder vs PROC SQL
* Summary Tables vs PROC Tabulate

Developing a Report

* Writing or Copying Code
* Titles/Footnotes
* Must be in order
* Export Reports
* Extras
  * Scheduling
  * Emailing

Basic Macro Variables

* Macro Variables
    * Updates multiple variables
    * Saves time & effort
    * Used for recurring reports
* System Functions
    * SYSDATE
    * SYSVERS
* User Input
    * Command Prompt

FALL
2015

Demo. Sample Problem #1

Part B - Fall Enrollment by Age and Gender for Full-time Undergraduate Students

NOTE: These data are optional this year.		
Academic reporters report enrollment as of the institution's official fall reporting date or as of October 15, 2014. Program reporters report students enrolled at any time between August 1 and October 31, 2014.		
Age	Full-time Undergraduate Students	
	Men	Women
Under 18		
18-19		
20-21		
22-24		
25-29		
30-34		
35-39		
40-49		
50-64		
65 and over		
Age unknown/unreported		
Total full-time undergraduate students (from part A)		

Questions???