Week 3 Meeting Agenda

I. **Week 2 Recap with Questions**

   a) We'll go over several multiple-choice questions related to last week's material. This activity is not graded.

II. **Getting Started with Tasks**

   a) Introduction to SAS Enterprise Guide Tasks

   b) Creating Frequency Reports

https://documentation.sas.com/doc/en/egdoccdc/8.1/egamotasks/n1j5m59s821zu5n1do211gswoc1g.htm

      i) **Demonstration**: Orion Star management wants a report that summarizes the number of products offered for each category. Use the One-Way Frequencies task to generate the report. Show only the frequency and percent statistics. Also, create a data set named ProductCounts that includes the frequency counts and percentages. Rename the title of the report as Number of Products per Category. Rename the task label as Products per Category.

   c) Generating Different Output Formats

      i) **Demonstration:** This demonstration illustrates modifying the properties of a task to produce additional result formats. Modify the Products per Category task and generate various outputs in different formats. Customize the SAS Report as you wish.

   d) Creating a Listing Report

      i) **Demonstration:** Use the List Data task to print a list of customers including ID, name, birthdate, age, and age group, producing a separate report for each country.

   e) Filtering Data in a Task

      i) **Demonstration**: The Marketing Department wants to run a special promotion that targets medium-activity Orion Club members who were born in 1980 or later. Add the necessary filter when using the List Data task.

   f) Any questions?

III. **Introduction to PROC SQL**

   a) Lesson 1: Essentials

i)   Setting Up for the SQL procedure in SAS

    (1)   Recall LIBNAME statement

ii)   What Is SQL?

iii)   Introduction to the SQL Procedure

    (1)   SELECT statement and clauses in the SELECT statement

    (2)   DESCRIBE TABLE statement

iv)   Data Set Options and PROC SQL Options

    (1)   Data Set Option (OBS=)

    (2)   Controlling processing with INOBS= OUTOBS=

    (3)   Controlling display with NUMBER

IV. In-class Exercise #2

V. Q&A