

SAS: Lab 4

Concatenating Unlike-Structured Data Sets:

Concatenate **orion.sales** and **orion.nonsales** to create a new data set, **work.allemployees**, following these steps:

- Use the RENAME= data set option to change the names of the Last (to: Last_Name) and First (to: First_Name) variables in the orion.nonsales dataset.
- The new data set should include only Employee_ID, First_Name, Last_Name, Job_Title, and Salary.
- Sort the new data set by descending Employee_ID

Question 1. What is the file size (in bytes) for the data set work.allemployees?

Question 2. What is the value of Salary in the first observation of the sorted dataset?

Merging Tables in a One-to-Many Merge:

Merge **orion.product_level** with **orion.product_list** by **Product_Level** to create a new data set, **work.listlevel**.

- Keep only the following variables: Product_ID, Product_Name, Product_Level, and Product_Name.
- Include only those observations with Product_Level equal to 3.
- **Note:** You will receive **warnings** when running the data step about the encoding of the datasets. You can ignore those warning messages

Question 3. How many observations does work.listlevel have?

Merging Using the IN= and RENAME= Options:

Merge **orion.customer** and **orion.lookup_country** by **Country** to create a new data set, **work.allcustomer**:

- In the orion.lookup_country data set, rename Start to Country
- Include only four variables: Customer_ID, Country, Customer_Name, and Label.
- Include only those observations that contain both customer information and country information.

Question 4. How many observations does work.allcustomer have?