|  |  |  |
| --- | --- | --- |
| **Action** | **Syntax / method** | **Completed / pending** |
| **Search for missing values** |  | Pending |
| Numeric Variables | PROC MEANS DATA = SASHELP.HEART N NMISS MIN MEAN MEDIAN MAX STD;  VAR WEIGHT HEIGHT AgeAtStart;  RUN; | Pending |
| Categorical Variables | PROC FREQ DATA = SASHELP.HEART;  TABLE DeathCause/MISSING;  RUN; | Pending |
| **Variables** |  |  |
| *Customer\_ID:* |  |  |
| Change customer id to character |  | Pending |
| Find Frequency of individual IDs :  a. min and max frequencies  b. Average of all frequencies |  | Pending |
| *Item\_Code:* |  |  |
| 1. Frequency of all codes to show duplicates 2. Average frequency of codes 3. Frequency Item\_code by Category |  | Pending |
| *Item\_Description:* |  |  |
| 1. Frequency of all descriptions 2. Average frequency of descriptions |  | Pending |
| *Order Date:* |  |  |
| Remove Month to separate column |  | Pending |
| Remove Year to separate column |  | Pending |
| Remove Week / Weekday to separate column |  | Pending |
| 1. Frequency of month for year 1 and 2 |  | Pending |
| 1. Average Frequencies |  | Pending |
| *Quantity:* |  |  |
| Find mean of Quantity | Proc TITLE "RSA1a";  **PROC** **UNIVARIATE** DATA = AN.RSA1;  **RUN**; | Found, awaiting analysis |
| Find min / max Quantity |  | Found, awaiting analysis |
| Find Total Quantity per Category |  | Pending |
| Find Distribution of Quantity by Item\_Code |  | Pending |
| Find Total Quantity by Source |  | Pending |
| *Source:* |  |  |
| 1. Frequency by source 2. Average Frequency |  | Pending |
| *Price:* |  |  |
| Find Mean of Price |  | Pending |
| Find Min / Max of Price |  | Pending |
| Find Missing values of Price Which products have missing price |  | Pending |
| *Add Location in Big Dataset:* |  |  |
| Get location as per Customer\_ID from small dataset |  | Pending |
| *Add Most Frequent Customer:* |  |  |
| Quantity purchased |  |  |
| Total Sales |  |  |
| Which product was most frequently purchased |  |  |
| Which product made the most sales |  |  |
| Month |  |  |
| Year |  |  |
| Weekday / date |  |  |