# Business Analytics Experiment – 5

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Batch: B3

**Branch:** Computer Science

Aim: Investigate data with SAS Visual Analytics. Apply ListTable, CrossTab from Object Pane.

## Theory:

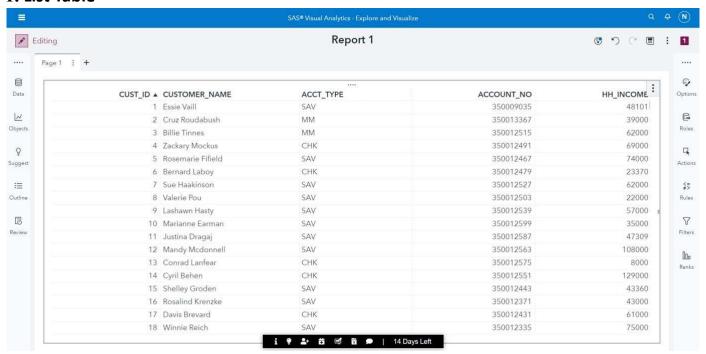
To investigate data in SAS Visual Analytics, first, you need to create a new data source or connect to an existing one. Once you have accessed the data, you can start exploring it by creating reports, visualizations, and dashboards using the drag-and-drop interface. You can use the filters, sorting, and grouping features to identify patterns, trends, and outliers in the data.

SAS Visual Analytics also provides advanced analytics capabilities such as forecasting, data clustering, and regression analysis to help you gain insights from your data. Additionally, you can use SAS Visual Analytics to share your findings with others by publishing reports and dashboards, or embedding them in other applications.

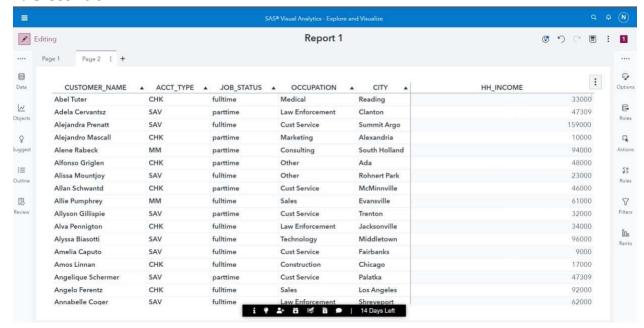
- 1. <u>List Table</u>: List Table is a report object that displays data in a tabular format. It allows you to present large amounts of data in a structured manner, making it easy to read and interpret. You can customize the List Table by adding or removing columns, changing the font, color, and size of the text, and applying conditional formatting to highlight specific data points. The List Table also supports advanced features such as sorting, filtering, and grouping, which allow you to analyze the data in different ways.
- 2. <u>Cross Tab</u>: CrossTab (short for cross-tabulation) is a report object that displays the relationship between two or more variables in a table format. It allows you to analyze the data by comparing the values of one variable against the values of another variable or multiple variables simultaneously. You can customize the Cross Tab by adding or removing columns and rows, changing the font, color, and size of the text, and applying conditional formatting to highlight specific data points. The Cross Tab also supports advanced features such as sorting, filtering, and drilling down, which allow you to explore the data in different ways.

## **Output:**

#### 1. List Table



### 2. Cross Tab



**Conclusion:** In this experiment, we learnt about data pane and object pane of SAS visual analytics. We also created a List Table and a Cross Tab for Bank Customers data.