**Histograms**

**Business Scenario**:

The plant manager wants to analyze the distribution of distinct orders placed by the customers and the performance of those customers by creating visualizations that will help him analyze the profit ranked by customer orders.

●    How many orders have been placed in bin 4? (**Note**: Enable Labels)

●    Which customer is generating the highest profit, and what is the value and number of orders placed by that customer?

**Overview:**

* Create a calculated field to show distinct orders placed by the customer using an LOD calculation
* Create a calculated field to generate the rank of customers using the index function
* Create a view using these calculated fields
* Break the view by placing the customer name in detail
* Color the view with profit
* Set the scope of table calculation applied to rank as customer name
* Sort the calculations in ascending order based on profit
* Change the default color of marks using the color property

**Answers**

Based on the view, these are the answers to the questions in the problem statement:

* How many orders have been placed in the bin 4? Answer: **96**
* Which customer is generating highest profit and what’s the value and number of orders placed by that customer?

Answer: **Tamara Chand, $8981, and 5**