CSSL4 : Skill Oriented Course 4

d. Tableau

**Lab Cycle**

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|  | a. | Display Sales across different years in different categories using Area chart for given sample Super sales data set. |
|  | b. | Display sales information for departments across various regions. |
|  | c. | Demonstrate stacked Bar chart in Tableau |
|  | a. | Display total sales based on category over the years. [Filters] |
|  | b. | In Bar graph how has profit change over the time (Year) by region? |
|  | c. | By using the Sample Super Store Find the top 5 sub category of products for category called Furniture. |
|  | d. | Find Sub category of products across all segments whose sales exceed one million. |
|  | a. | Display % of total sales in category wise in both Cross table and Bar graph [Quick Table Calculation] |
|  | b. | Display total sales based on order date as well as % of total sales Based on order date |
|  | c. | Calculate % sales category and sub category wise in cross tab and Also display Grand total as well as total for Each category. |
|  | d. | Calculate the running total of sales based on order date |
|  | a. | Find out the profit coming from the customers whose first name is “Bryan”. [Table Calculation] |
|  | b. | Find out the difference in order date and ship date to know the average no. of days taken to ship an order placed. |
|  | c. | Calculate Profit Sale Ratio of products subcategories within different states. |
|  | a. | Using the sample superstore data, find what percent of East region sales came from “consumer” segment in the year 2017? |
|  | b. | Find which product is ranked 6th in sales for west region? |
|  | c. | Compute the % growth in sales between June 2015 and June 2017 |
|  | a. | Find the amount of Sales for each state in each region. [LOD Expression] |
|  | b. | Calculate the sum of sales per state for each sub-category of products. |
|  | c. | Calculate the average regional profit for each category. |
|  | a. | How to change date level in Tableau using parameter. |
|  | b. | How do we use dynamic measures with multiple number formats in Tableau? |
|  |  | Demonstrate advantage of Reference lines in tableau. |
|  |  | Using the Sample-superstore, create a dashboard showing the sales and profits for different segments and Sub-Category of products across all the states. |
|  |  | Create interactive dashboard using the Sample-Superstore. |