OSBDA Assignment 8 Tableau

a) helps decision protects understand how besiness data

- Aim: Perform Following data visualization operations using Tablew on SuperStored Data set a small super stored Data set.
 - discover areas that require attention.

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 - ii) 20 planar data visualization and present
 - mii) 3 D volumetric data visualization band eliavnos
 - iv) temporal data visualization nondemotification
 - v) muldimensional data visualisation
- Tree data visialisation bring plevo warg entry of
- vii) network data visualisation no soob god of

Theory.

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What is visualization? Explain its importance.

col interface with traditional BI tools

i) Data Visualisation means pictorial representation or graphical representation so that user can analyze data quickly.

i) Tableau is a business intelligence (BI) solbrate tool.

What is Tablead ? Exploin its features

ii) Data visualization presents row data through graphical representations that allows viewers, business analysts and executives to explore the data & uncover deep insights.

Importance of data Visualization & a) helps decision makers understand how business data is being interpreted to determine business decisions. b) Leads the target audience to focus on business insights to discover areas that require attention. c) Visualising business data helps to manage growth & converts trends into business strategies by making sense of information. nodo-levely dash lorogenes (vi muldimensional data visualisation d) Revellas previously unnoticed key points about data sources to help decision makers compose data analysis reports. 02) What is Tableau? Explain its features. i) Tableau is a business intelligence (BI) software bool. It supports interactive visualization of data. Ans : What is visualization? Explain its importa It provides faster visualisation because it has an inmemory data engine which speeds up visualisation It merges graphical interface with traditional BI tools. iii) Features of Tableau Japlana expressed express and the day 10)

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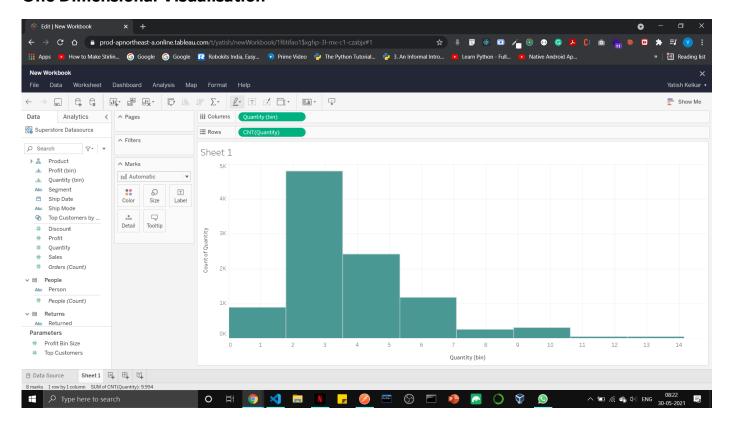
Sundaram

a) Quick & easy data acquisition
b) Publication of interactive graphics
c) Has 3 main products; Tableau desktop, Tableau Server
Tableau public Can connect with advanced data sources (Hadoop, Oracle) Explain various Tableau softwares available. 03) 1 Tableau Desktop Ins: It allows one to code & modify the reports starting from creating reports & charts to combining them to form a dashboard. It consists of Tableau Desktop personal & proffessional. 2) Tableau Server Used to share visualization & workbooks generated in Tableau desktop. Work becomes accessible once it is uploaded on their respective servers. (3) Tableau Online It is a sharing tool similar to Tableau Server but data is soved in servers which are provided in cloud provided by Tableau

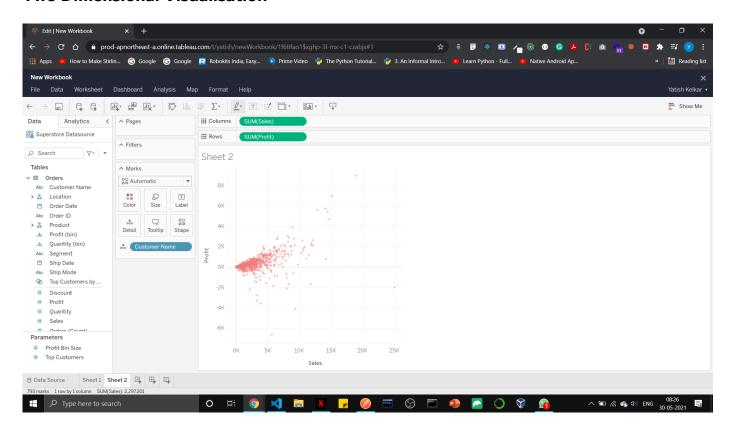
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*	Conclusion: Thus we have successfully performed data
*	visualization using lableau.
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	(23) Explain various latteau soltwares available.
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<u>Sundaram</u>	FOR EDUCATIONAL USE

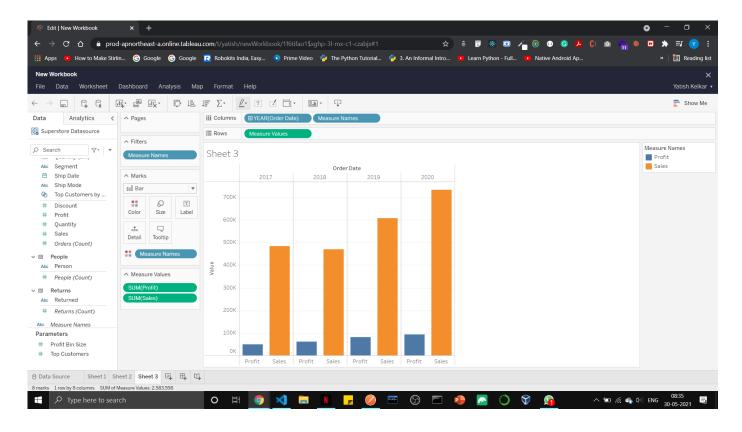
One Dimensional Visualisation



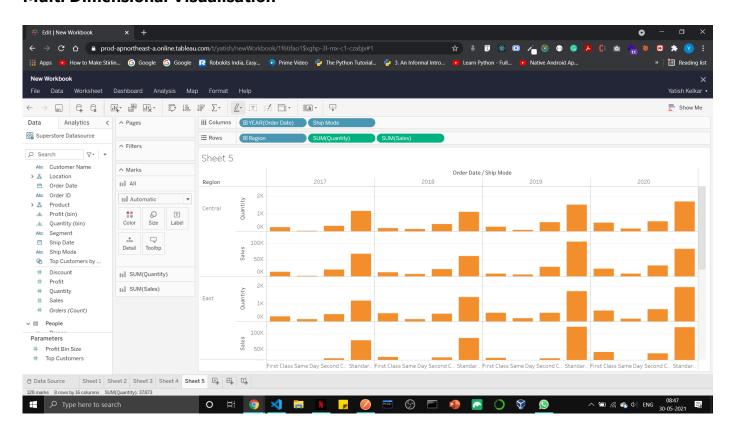
Two Dimensional Visualisation



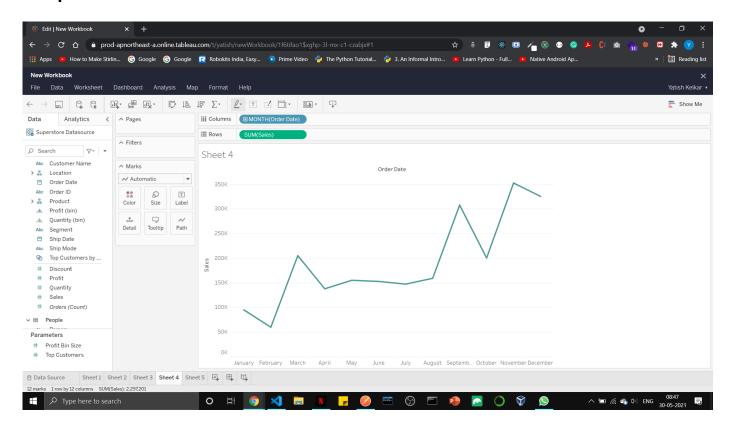
Three Dimensional Visualisation



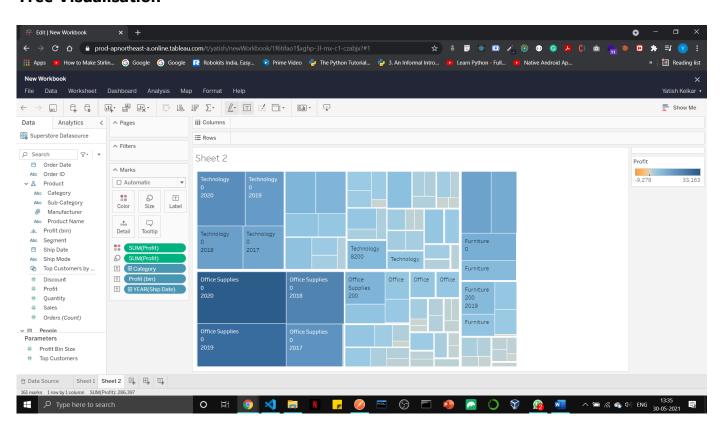
Multi Dimensional Visualisation



Temporal Visualisation



Tree Visualisation



Network Visualisation

