

AIM:

To create an interactive Tableau dashboard that integrates data (from Excel) and visualizes sales and demographic information using bar chart, line chart, scatter plot and pie chart

DATASET DESCRIPTION:

The dataset contains sales and demographic details:

Column Names	Description
Date	- Month & Year of sales
Region	- geographical area
Sales	- Total sales value
Customer	- No. of customers
Age	- avg age of customers
gender	- gender of customers

PROCEDURE:Step 1: ~~connect data~~

- * Open Tableau → connect → Excel
- * Load the Dataset

Step 2: Create Visualisations

- * Bar chart (Region vs Sales)
- * Line chart (Date vs Sales)

- * Scatter Plot (Consumer vs Sales)
- * Pie Chart (Sales by Gender)

Step 3: Build Dashboard

- * Create a new Dashboard and add all 4 charts
- * Arrange neatly
- * Add Filters for Region, Gender, and Date
- * Enable Use as Filter for interactivity

Step 4: Format & Publish

- * Add title
- * Apply colors, labels, and save or publish to Tableau Public

RESULT:

Thus an interactive Tableau dashboard was successfully created