Program - 1

* Open Tableau, & "Start Page" select Connect → To a file → Text File.

* Browse vgsales.csv & open it

* Click Sheet 1 :- * Select (Bar Chart of Global Sales by Genre)

* Drag Global_Sales to the Row * Genre to the Columns

* Sorting :- click on Global_Sales axis → sort descending

* Filtering :- Drag Year to the Filter → Range 2000 - 2016

* Click Sheet 2 :- Drag Year to Columns → Global_Sales to Row → Create a line chart → Add Genre to Marks → Apply color to Genre

* Dashboard :- Add both sheets 1 & 2 → Size → Select Automatic

Program 2

* Open Tableau → click on Connect → choose Mic.... Excel
* Browse (Tableau Joins File. xlsx) & open
* Select Demographic :- Drag Name of Emp to Columns (Bar chart)
  also join Salary ↳→ Drag Emp salary to Rows
  → Sort in decending → Drag Emp. Salary to Marks → Select
  color Color. Label

Program 3

1 * Open Tableau → Click on Text file →
* Browse (vgsales.csv) & Open it
2 * Open Sheet 1 :- Drag year to column → Global Sales to
                    Rows → EV Sales to Rows (Bar chart)

3 * Click chart title to write → Global Sales by Year →
      Press ok

4 * Add Year to filter → chart range (2000 - 2016)

5 * Right click on Global sales → Select Create → Calculated Field
   * Give name to ~~year~~ - EV Sales * Calculations → [Global Sales]-
   . [EV sales] → Press ok → Drag Global Sales - EvSales to the rows
6 * Select Genre → Data type → string * Create calculated field →
   * Name as "Sales by Genre" * Formula :- IF [Genre] = [Genre] THEN [Global Sale]
     ELSE 0 END * Drag year to Columns * Drag Sales by Genre Rows

Program 4

* Open Tableau → Select Micro-Exale

* Browse → Global Superstar data set

* Click on sheet 1 → double click on country → Drag profit to Country → Country label → Sum profit → colour.

* Click on sheet 2 → Double Click on Country → Drag Sales to Country → Country label → Sum (sales) → Colour

* ~~Click on~~ Select story → Drag sheet 1 & sheet 2 → then Drag sheet 2 between these 2 sheets

* Click on Some Country and left Click on it → Select on mask

* Click on Dash board → drag sheet 1 & sheet 2

~~Program~~

Program 9

Q1:- * Open Power BI → Excele → Brull Salese - Datuset → click on Load Data → Select Shape Mape → Drag state to Location → Drag Revenue to Color saturation →

Q2:- * Add new Sheet 2 → Select Line chart → Drag Month to X Axis → Drag Total (Sum of) to Y Axib → change Sum to Average → In x Axis deleate day & Quarter Leave Month → Drag Year to Legend ⊙

Q3:- Click on transform data → Click on Add Column → click on custom column → type age WIS & formula. → • If

→ close & Apply → Click on new Sheet 3 → Select Bar chart → Drag ages to x Axis → total revenue to y Axis → enable the data labels

Q4:- Click on New Sheet 4 → Select Donute chart → Drag Region to Legend → Drag total to values

Q5:- Click on New Sheet 5 → click on transform data → go to Add Colums → click on conditional Column → type name Ferail_revenu → Select 1 → bender 3 → f 4 → Select column 5 → Remove total 6 → 0 click on ok → Add onemore Conditional Column → type name Mail_revenue → Slect 1 → bender 3 → M

4→ Select column 5→ total 6→ 0 click on ok → click on Close & Apply → Slect Male & Female Data type to decimal number → Select 2 Stacked bar Chart → Select chart 1 → Drag Category to Y Axis → Female_Revenue to X Axis → Select chart 2 → Drag Category to Y Axis → Drag Mail_Revenu to X Axis → Click on chart 1 → ho to Formate → X axis → Select invert range → click on chart 2 → ho to Formate → off the title & Value → Add Data labels on both the chart

Q6 :- click on New Sheet 6 → Click on transform data →