

Project - 1

1. Tabular Visualization: Format the total amount of purchase (TAP) based on 'Store location' and 'Store setting':

- If $0 < \text{TAP} < 35000$, then records should be in red color
- If $35000 \leq \text{TAP} \leq 60000$, then records should be in yellow color
- If $0 < \text{TAP} \leq \text{TAP} = 60000$, then records should be in Blue color

Ans:-

Store Location	Store Setting	Sum of Total Amount of Purchases
Boston	Rural	42,016.81
Los Angeles	Rural	30,004.48
New York	Rural	66,444.55
Seattle	Rural	43,220.34
Boston	Suburb	53,835.98
Los Angeles	Suburb	82,419.92
New York	Suburb	46,284.58
Seattle	Suburb	81,746.20
Boston	Urban	50,595.51
Los Angeles	Urban	54,964.79
New York	Urban	51,940.32
Total		6,42,084.01

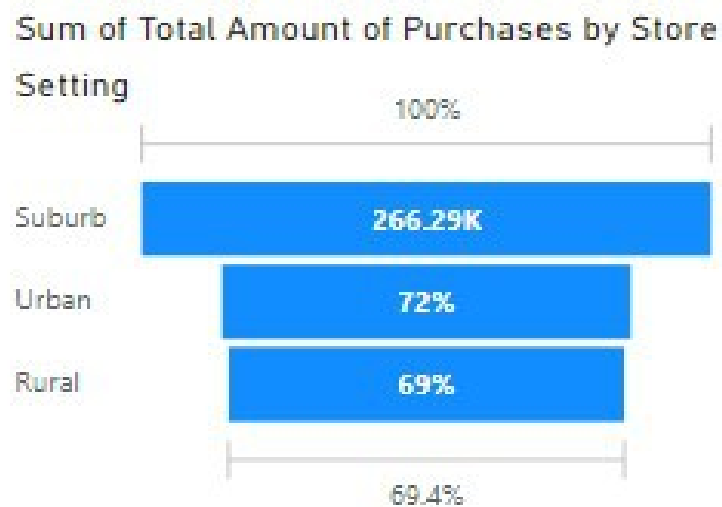
2. Matrix Visualization: Create Matrix Visualization to show the amount spent on Outdoor sports across different ages and 'Store setting'. Do the color formatting for the amount spent in total outdoor sports

Code:-

Age	Rural	Suburb	Urban	Total
7	3,232.70	2,343.82	2,230.18	7,806.70
8	1,485.23	5,198.76	3,380.07	10,064.06
9	2,181.19	1,692.67	1,631.93	5,505.79
10	866.29	3,128.24	3,016.29	7,010.82
11	1,834.96	2,826.51	1,712.76	6,374.23
12	815.53	2,435.98	2,547.73	5,799.24
13	1,916.92	2,353.29	2,158.33	6,428.54
14	2,282.82	1,925.39	2,305.94	6,514.15
15	2,590.77	2,678.28	336.36	5,605.41
16	2,267.56	4,660.62	2,437.52	9,365.70
17	253.79	2,962.89	3,404.16	6,620.84
18	2,513.88	4,417.54	1,740.91	8,672.33
19	2,094.33	2,479.28	1,477.14	6,050.75
20	3,370.44	3,111.24	3,621.95	10,103.63
21	756.32	4,171.83	1,313.52	6,241.67
22	1,571.70	2,307.84	1,718.32	5,597.86
Total	30,034.43	48,694.18	35,033.11	1,13,761.72

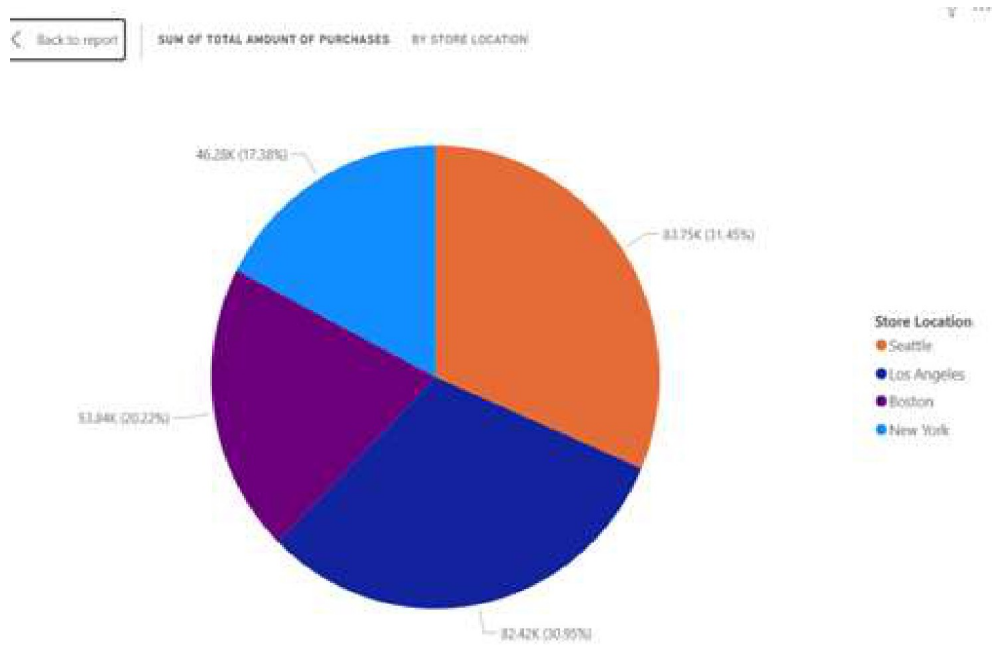
3. Funnel Chart: Create a Funnel chart to show Total amount of purchase by 'Store setting'. Show the data labels as Percentage of First

Code:-

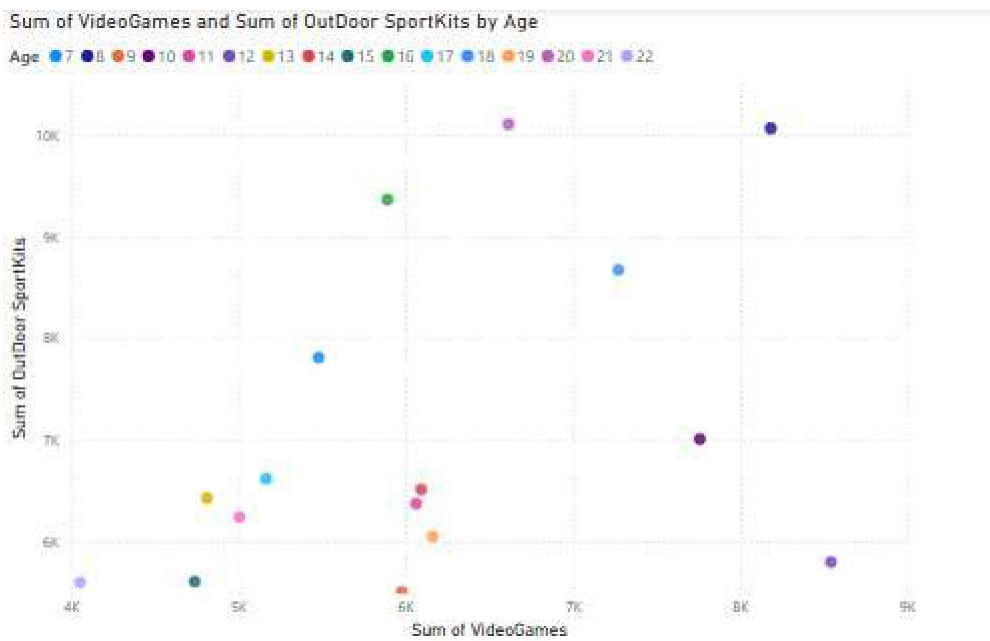


4. Pie Chart: Show the total amount of purchase by different 'Store location' for Suburban 'Store setting' only. Hint: Use Filter context

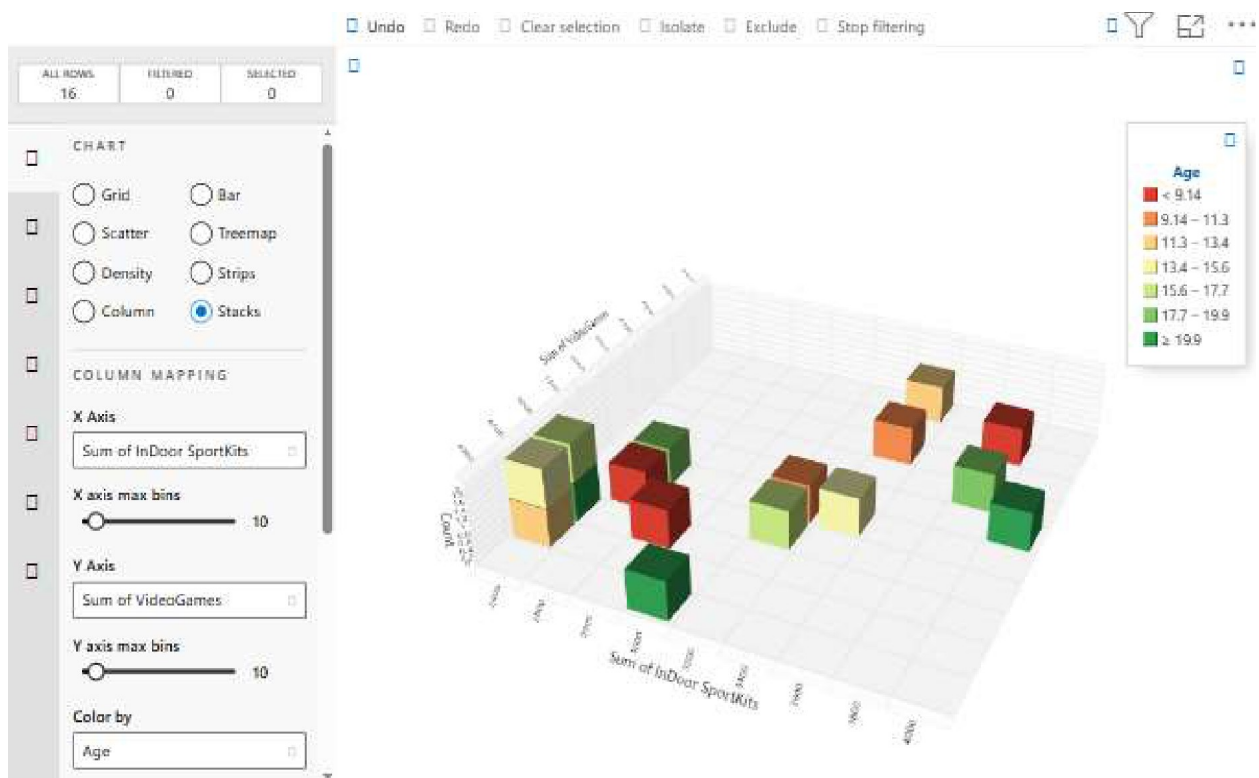
Code:-



5. a) Scatter plot- Video games purchase and Outdoor sports spent across the different ages. Ans:-



b) Sand dance plot- Indoor sports and Video games spent across the different age groups Ans:-



. 6. Restrict data access for the given users in the User mapping table. For example, Mani deals with Rural areas only so she should be able to view the data which belongs to Rural only, not urban and suburban data

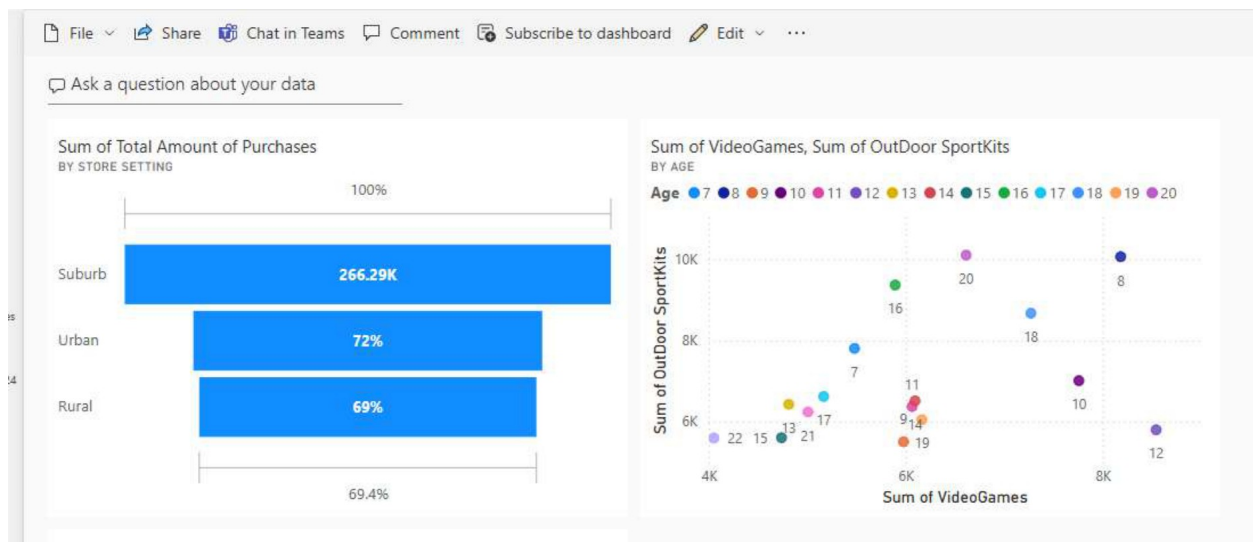
Code:-



7. Publish the report on Power BI cloud service and Design the Master Dashboard consisting of Funnel chart and scatter plots. Then create a schedule refresh for six times in every 4 hours for the Dashboard in a day

Code:-

Name	Type	Task	Owner	Refreshed	Next refresh	Endorsemer	Sensitivity	Included in app
Sales	Dashboard	Visualize	19 Dec 2024	—	—	—	—	No
student salary	Report	Visualize	19 Dec 2024	3/4/2025, 9:0...	—	—	—	No





On-premises data gateway



Status

Service Settings

Diagnostics

Network

Connectors

Recovery Keys

✓ The gateway Project1Gateway is online and ready to be used.

Gateway version number: 3000.258.5 (February 2025)

✓ Help us improve the on-premises data gateway by sending usage information to Microsoft.

[Read the privacy statement online](#)

Logic Apps, Azure Analysis Services

Central India

[Create a gateway in Azure](#)

Power Apps, Power Automate

Central India

✓ Ready

Microsoft Fabric

Default environment

✓ Ready

Close

app.powerbi.com/groups/31967892-48f4-4b31-b1b1-e8a6a5133470/settings/datasets/069afbd6-702a-4658-9279-81b138739cc7?experience=power-bi

Graphic Design Mas... WhatsApp Coursea | Online C... Technical Support F... malayala manorama... Supplemental Read... Windows Troubles... 2023 Team Foster also

Power BI IntellipastProject Search

Refresh frequency
Daily

Time
1 00 AM X
5 00 AM X
9 00 AM X
1 00 PM X
5 00 PM X
9 00 PM X

[Add another time](#)

Send refresh failure notifications to
☒ Semantic model owner
☐ These contacts:

Project1 refresh schedule updated
Your updates to the Project1 refresh schedule changes have been applied

8. Use Q&A feature of Power BI,
- a) To show average age of students
 - b) Donut chart for total amount of purchases by 'Store location'

