

There are many stores in which a survey was conducted based on students i.e. how much they are spending on different kind of purchases like Video games, Indoor games, Toys, Books, Gadgets etc. In the data set (Student Survey), Store setting is the column that explains the Type of location in which the store is present. By using data set (Student Survey), try to extract the meaningful Insights.

Data set - Student survey

Problem Statement- Create a Power BI Report:

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 $35000 \leq \text{TAP} < 60000$, then records should be in yellow color

If $\text{TAP} \geq 60000$, then records should be in Blue color

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.

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

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

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

6) Donut chart for total amount of purchases by 'Store location'