**T**here 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

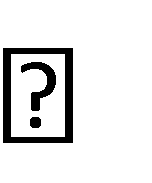
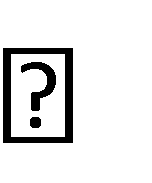
meaningful Insights.

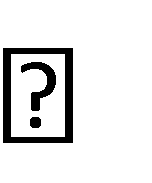
**Data set -** Student survey

**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<TAP<35000, then records should be in red color



If 35000<=TAP<60000, then records should be in yellow color

If TAP>=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.

1. **Funnel chart** – Create a Funnel chart to show Total amount

of purchase by ‘Store setting’. Show the

data labels as Percentage of First.

1. **Pie chart** – Show the total amount of purchase by different

‘Store location’ for Suburban ‘Store setting’

only.

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

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

1. **Use Q&A feature of Power BI** –
2. To show average age of students
3. Donut chart for total amount of purchases by ‘Store location’