

## **Assignment-1**

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**Histogram of Math Scores** – Helps understand the distribution of math scores, identifying common score ranges and potential outliers.

**Box Plot of Math Scores by Gender** – Makes it easy to compare the distribution, median, and variability of math scores between genders.

**Bar Chart of Parental Education Levels** – Shows the frequency of different parental education levels, revealing trends in parental backgrounds.

**Scatter Plot of Reading vs. Writing Scores** – Helps analyze the correlation between reading and writing scores, with gender-based differentiation.

**Pie Chart of Genders** – Gives a quick visual representation of the gender distribution in the dataset.