**[Students-Scores-Analysis-Sql-Server-PowerBI](https://github.com/abd7731/Students-Scores-Analysis-Sql-Server-PowerBI)**

A screenshot of a computer

Description automatically generated with medium confidence

**Data Used**

**Data** – Students scores data with over 30000 rows

**Data Cleaning & Analysis** -Sql Server, Power Query

**Data Visualization** – PowerBI

**Dataset Link:** [**https://www.kaggle.com/datasets/desalegngeb/students-exam-scores?select=Original\_data\_with\_more\_rows.csv**](https://www.kaggle.com/datasets/desalegngeb/students-exam-scores?select=Original_data_with_more_rows.csv)

**Questions**

1. What is the total number of students and their gender?
2. How many students are in each ethnic group?
3. What is the total number of students in each category:

* Test Prep
* Transportation Type
* Practicing Sport
* Lunch Type
* Parent Education
* Weekly study hours
* Parent marital Status

1. Compare student’s average grades against each category

**Summary of Findings**

* There are more male employees.
* Students in Ethnic group E achieved the highest average scores.
* Students who took the test preparation course achieved the highest scores.
* Students who practice sport regularly scored high scores.
* Students who spent less than 5 weekly hours studying got the lowest scores.
* Parent education level has an impact on student’s grades. The higher level of education led to higher scores.
* Transportation type almost has no impact on student’s grades.
* Standard lunch type’s students received the highest scores.

**Limitations**

* None