Student Performance Insights

The dataset "StudentsPerformance.csv" contains several columns with various data types. Here's an overview of the data types for each column:

1. **gender: Categorical (string)**

   o **Represents the gender of the student.**

2. **race/ethnicity: Categorical (string)**

   o **Classifies students into different racial or ethnic groups.**

3. **parental level of education: Categorical (string)**

   o **Indicates the highest level of education attained by the student's parents.**

4. **lunch: Categorical (string)**

   o **Describes the type of lunch received.**

5. **test preparation course: Categorical (string)**

   o **Indicates whether the student completed a test preparation course**

6. **math score: Numerical (integer)**

   o **Represents the student's score in mathematics, typically on a scale of 0-100.**

7. **reading score: Numerical (integer)**

   o **Represents the student's score in reading, typically on a scale of 0-100.**

8. **writing score: Numerical (integer)**

   o **Represents the student's score in writing, typically on a scale of 0-100.**

Summary of Data Types:

- **Categorical: gender, race/ethnicity, parental level of education, lunch, test preparation course**

- **Numerical: math score, reading score, writing score**

This combination of categorical and numerical data allows for various analyses, including comparisons based on demographics and performance metrics.