**Assignment: Analyzing Student Exam Scores**

Assignment Overview: In this assignment, you will analyze a dataset containing information about students' exam scores in math, reading, and writing. You will apply statistical analysis techniques to understand students' performance.

Dataset: The dataset "student\_scores.csv" contains the following columns:

* Student ID (unique identifier for each student)
* Math Score (out of 100)
* Reading Score (out of 100)
* Writing Score (out of 100)

Assignment Tasks:

1. Load the Dataset:
   * Read the dataset "student\_scores.csv" into a Pandas DataFrame.
2. Data Exploration:
   * Display the first 5 rows of the dataset.
   * Check the summary statistics for each exam score.
3. Measure of Central Tendency:
   * Calculate the mean, median, and mode for each exam score.
4. Measure of Dispersion:
   * Calculate the range, variance, and standard deviation for each exam score.
5. Data Visualization:
   * Plot histograms to visualize the distributions of exam scores.
6. Conclusion:
   * Summarize your findings and discuss any insights about students' performance.

Submission Guidelines:

• Write a Python script (.py file) containing the code for each task.

• Include any visualizations generated during the analysis.

Evaluation Criteria:

• Correctness and completeness of the implemented tasks.

• Clarity and effectiveness of data visualization techniques.

• Insightfulness of interpretations provided.

Additional Instructions:

• Utilize Python libraries such as Pandas, Matplotlib, and NumPy for data analysis and visualization.