Dataset Introduction

Dataset Title:
Students Performance in Exams

Source:
Kaggle – https://www.kaggle.com/datasets/spscientist/students-performance-in-exams

Overview:
This dataset contains exam scores of students along with several personal and academic attributes. It helps analyze how different factors like gender, parental education, lunch type, and test preparation affect student performance.

Features:

- **Gender – male or female**

- **Parental level of education – e.g., bachelor's, some college**

- **Lunch – standard or free/reduced**

- **Test preparation course – completed or none**

- **Math score**

- **Reading score**

- **Writing score**

Target:
We calculate the average score of the three subjects (Math, Reading, Writing) as the prediction target.

Why We Chose This Dataset:

- **Small and clean — easy to work with**

- **Educational theme is relatable and relevant**

- **Supports both regression and classification tasks**

- **Great for demonstrating end-to-end ML with GUI**