

## **Student Performance Data Analysis**

We analysed student scores across math, reading, and writing using RStudio and tidyverse tools. After cleaning the data and adding calculated columns like total percentage and age groups, we grouped and visualized the results.

### **Key Insights:**

- Students aged 17–18 performed best overall.
- A strong positive relationship exists between math and reading scores.
- No major gender difference was found in performance.

### **Recommendations:**

- Focus support on younger (15–16) and older (19–20) students.
- Use reading to support math education, and vice versa.
- Design academic programs based on age needs rather than gender.