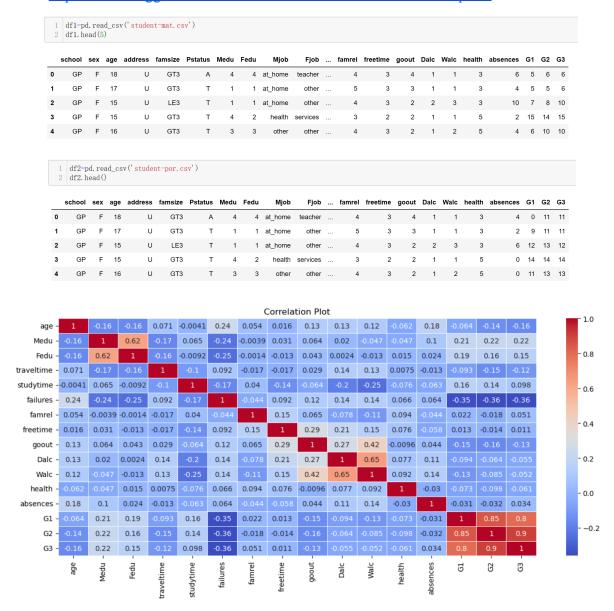
Group6 Proposal

Data: https://www.kaggle.com/datasets/uciml/student-alcohol-consumption



Descriptions of the question:

The dataset, obtained through a survey of middle school math and Portuguese courses, contains a wide range of information about society, gender and learning, using these factors to predict how they affect students' final grades in these subjects.

Variables:

<u>Independent Variables</u>: G3 - final grade (numeric: from 0 to 20, output target)

<u>Dependent Variables</u>: All variables except G3 (school, sex, age, etc.)

Methods:

EDA - Feature Selection/ Feature Engineering

ML - Linear Regression, SVM, KNN, Decision Tree, AdaBoost, XGBoost, Stacking, Cross-Validation