

MLG382: Guided Project

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# Project title

## Problem statement

Enhancing the academic experience of BrightPath Academy learners through personalised education and early academic interventions.

## Hypothesis

*ML hypothesis function here*

## Understanding the Data

The dataset contains the details of BrightPath Academy learners. These details include demographic attributes such as age, gender, and ethnicity. The next data section contains academic information, and this includes the learners’ academic experience, parental education level, the amount of study time a week, number of absences, and whether they receive tutoring and parental support. The dataset also includes binary indicators (yes/no) for leaners are involved in extracurricular activities, sports, music and if they volunteer. The final columns are the learners’ GPA and grade class. Each learner is uniquely identified by a StudentID.

***Target variable:*** GradeClass