

DATA 621 Final Proposal

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2023-3-12

Research question Objective

The primary objective of this study is to investigate the external factors that have an impact on students' final grades. It should be noted that the data used in this study was obtained through a survey of students enrolled in math and Portuguese language courses at the secondary school level. In order to accomplish this, an exhaustive analysis of several external variables will be conducted, with a particular emphasis on students' health, social and demographic factors, study habits, and other relevant factors. The variables under consideration are independent variables, and the data set being used for the analysis is quantitative in nature. By examining these external factors, this study aims to gain a deeper understanding of how various aspects of students' lives can affect their academic performance, and to provide insights that can be used to improve educational outcomes. It is hoped that the results of this investigation will help to inform future efforts to support students' academic success and enhance their overall educational experience.

Data collection

- student-mat.csv
- student-por.csv

Data Source

Downloaded the csv data table from the link below:

- kaggle.com/datasets/uciml/student-alcohol-consumption