

Statistical Inference

Course Project

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Spring 2021

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# Question 1

## A. Briefly describe your dataset and why studying your dataset can be interesting?

Dataset: Student’s performance

This dataset includes some characteristics as well as performances of several students from two institutes. These attributes comprise several factors such as sex, age, having internet access. The performances consist of the scores of students in three different courses.

Studying and analyzing the information in in this database not only lets us discover the most influential factors on the students’ performances at school, but also enables us to compare the impact of the school on the students’ performances.

## B. How many variables (features) and cases does your dataset have?

There are 16 variables and 395 cases in the dataset.

## C. Is there any missing value in your data? Provide a summary of a portion of missing values for each variable (feature) and describe how you handle these missing values for each variable (on what basis).