

PIAIC-ASSIGNMENT - 1

This repository contains answers of 08 questions for assignment 1 (with 1,000 data set of students) given to us by PIAIC. The data set for 1,000 student performance is attached as [studentsperformance.csv](#) and following were the questions:

Q1 - Are female students performing better than male students in <given subject> (take user input)?

Q2 - Are students that have done preparation courses are good in courses or not?

Q3 - What is the impact of parent education in student performance good, bad, or no impact?

Q4 - Is there any difference in student score if parents have master-level education in a specified score? Q5 - Is there any difference in student score if parents have Bachelor level education in a specified score?

Note: Made a program where any parent education can be taken as user input.

Q6 - How many parents have bachelor's education, master education, or some college degrees level education?

Q7 - In a user given subject score, is the top scorer a female or male?

Q8 - How many students are good in reading (> 75) but not good in writing (< 70)?

Note: Every question is answered in a unique python file except Q4-5.

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