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Questions:

1. With your highest grade, can you find any relationship with your lowest grade per semester and also the rest of the semesters?

1st Year First Sem: The lowest grade (2.4) is twice the highest grade (1.2).
1st Year Second Sem: The lowest grade (2.3) is more than double the highest grade (1).
2nd Year First Sem: The lowest grade (2) is about 1.4 times the highest grade (1.4).
2nd Year Second Sem: The lowest grade (2.4) is 1.6 times the highest grade (1.5).
It means that each semester and each year, your lowest grade is improving because the lower the number the higher it value of grade

2.Do you have subjects with the same instructor? If so, can you find any relationship with each subject?

Different instructors grade differently based on the subject they teach. For example, with Sir Fritz and Sir Condes, my grades can be high or low depending on whether the subject is difficult or easy.

Realization:

• Write down a summary of your analysis of all the possible relationships between subjects you have taken.

From the data on my grades, I see that they improve as I take more subjects each semester. Overall, my grades go up, showing that I'm learning and doing better. I also notice that my grades in programming are getting much better, which means I'm becoming confident in this area.

• Answer your own opinion, What is Data Mining?

For me, data mining is about collecting data and figuring out how to use it. It's all about making the information easier to understand and calculate in the most straightforward way.

Research activity

Create a table listing the subjects, units, and grades, then analyze whether these factors have an impact on a student's overall performance.

Based on that we can see the relationship between class hours and a student's performance, and whether longer class hours lead to improvement or a decline in their grades.