

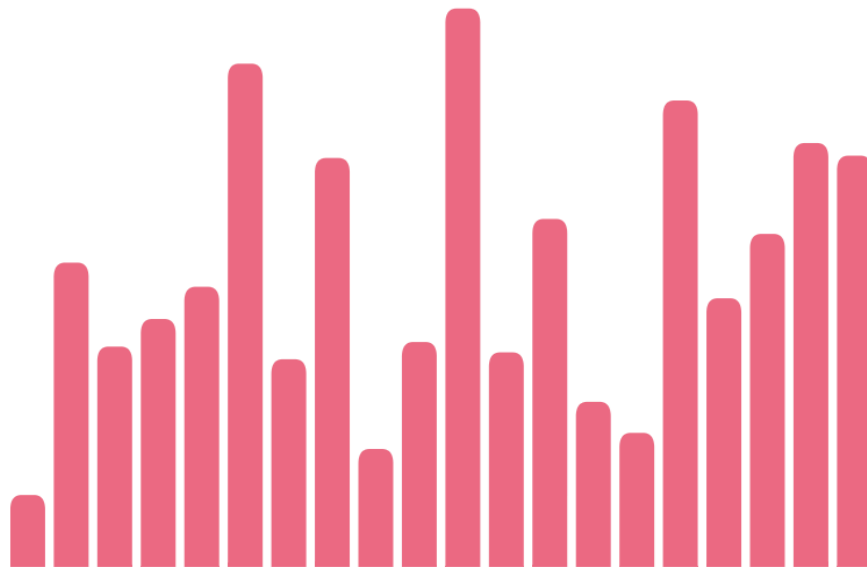
CSC805 Group Project Phase 2

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- **Task 2.1**

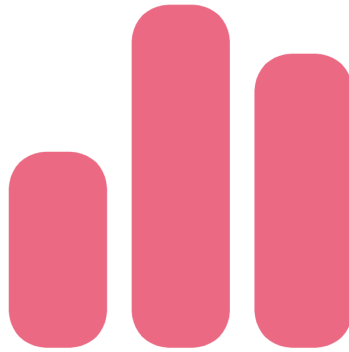
- <https://claritee.io/public-view/QCShIbAJakHSbbvWhZVhkQ/tree>

Courses Students Taken



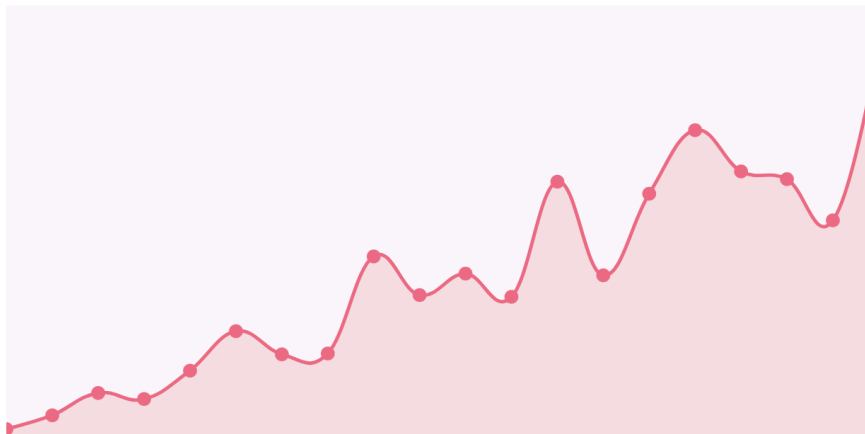
- Each bar will represent the name of courses students have taken and this chart will show the correlation between student dropout rates over the course of their schooling. Also, considering investigating with Attendance regime Attribute.

Distribution of Students for academic success



- Each bar will represent “Graduate”, “Dropout”, and “Enrolled”. This would be the main target data visualization.

Curricular units for each semester



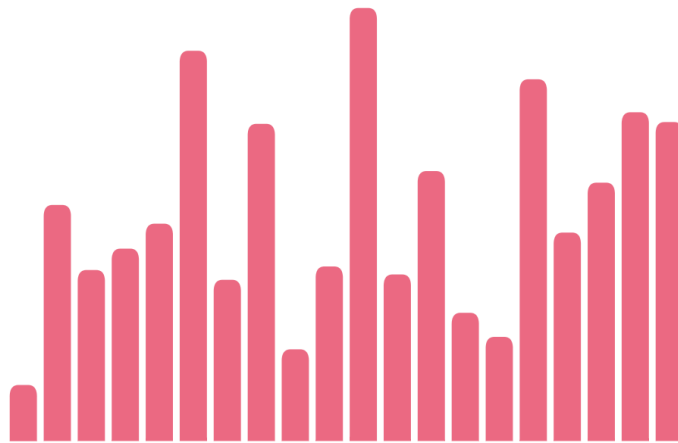
- This visualization will represent the number of units students taken for 1st and 2nd semester. We can investigate the correlation with the courses taken.

Parent's Occupation



- This visualization will represent Students' parent's Jobs. Each values (bar) will be the name of jobs to seek if there is any correlation with students' academic success. We are also considering to input Parent's qualification as well.

Scholarship holder



- This visualization will represent the number of students who are the scholarship holders. Also, considering the different attributes such as "Tuition fees up to date" and "Debtor". This data attribute could be related to students' academic success.

Gender



- This visualization will represent the percentage of gender of students. We are also considering with other attributes such as students' nationality, marital status (single, married, etc) and application mode (international, transfer, etc).

- **Task 2.2**

- Link to raw data set, [here](#).
- Data Set Information is attached as files

- **Task 2.3**

- Matplotlib (python)

- **Individual Work Report**

- Gio Jung : I contributed mainly to task 2.1 where I had to create a dashboard using “claritee” and make some blueprints of the data visualization we are going to focus on.
- Kenji Madden : I contributed to setting up the documentation of the phase 2 and worked on “claritee” with Gio together.

- Sai Saketh Bavisetti : I contributed to task 2.2 where I had to look for the right data set. Also, since the data set values are all integers, I had to investigate what each attribute's values signify.
- Areeb Abbasi : I contributed to task 2.3. I had to search which technologies we could use for our group project. We decided to use the python library "Matplotlib".