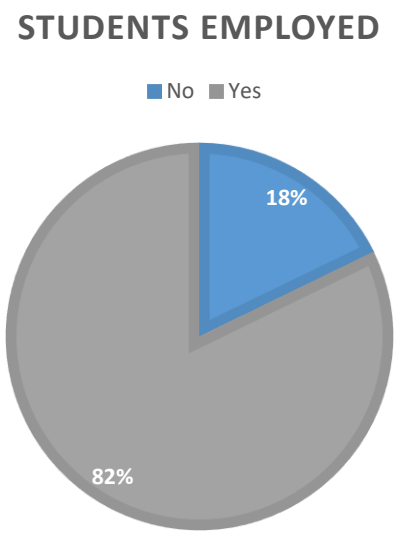
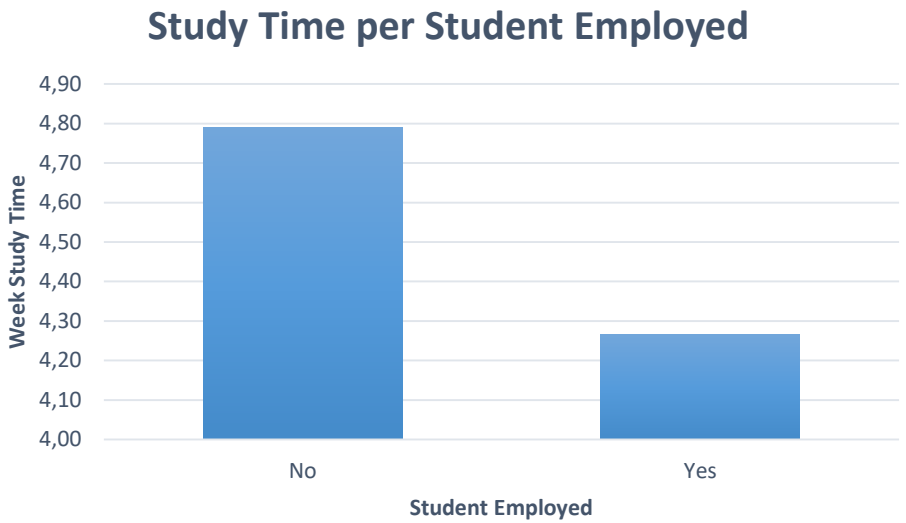
Employed Students and their Dedication



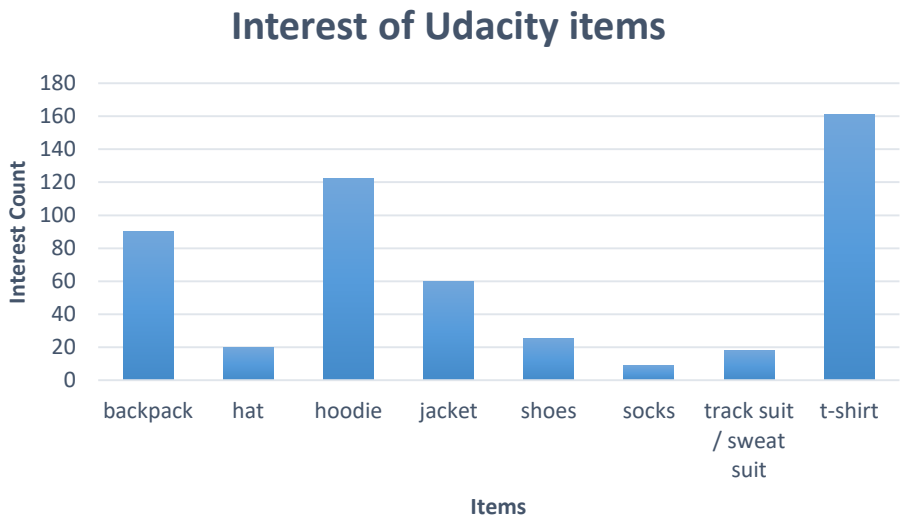


I used the data from Employed and Nano Study Time columns to work on graphs above.

As we can see, 82% of the students who answered the survey are currently employed against only 18% of the students are unemployed.

An obvious correlation is to think that unemployed students have more time to study. This idea proved correct on of the students who answered the survey, we can see in the graph that the average time studied per week of unemployed students is significantly higher than that of employed students.

Interest of students in Udacity items



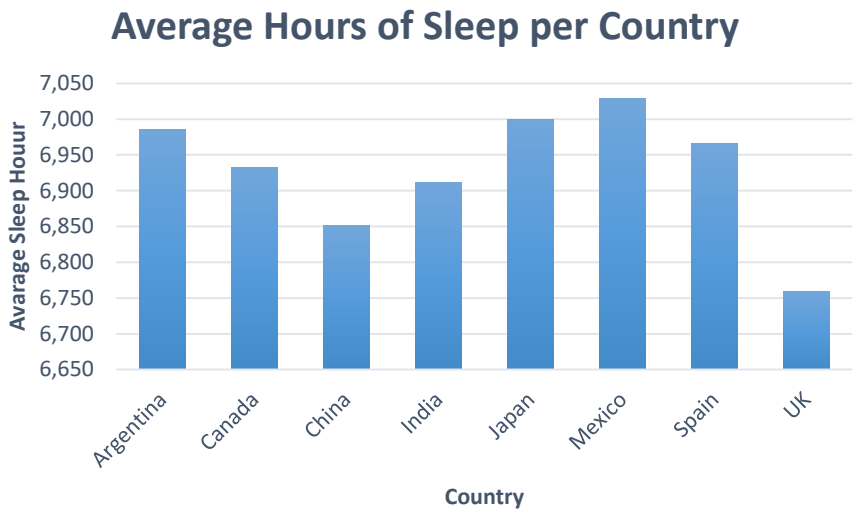
Country	Mode
Argentina	t-shirt
Canada	t-shirt
China	hoodie
France	t-shirt
Japan	t-shirt
Mexico	hoodie
Singapore	t-shirt
UK	t-shirt
India	t-shirt
Spain	t-shirt
US	hoodie

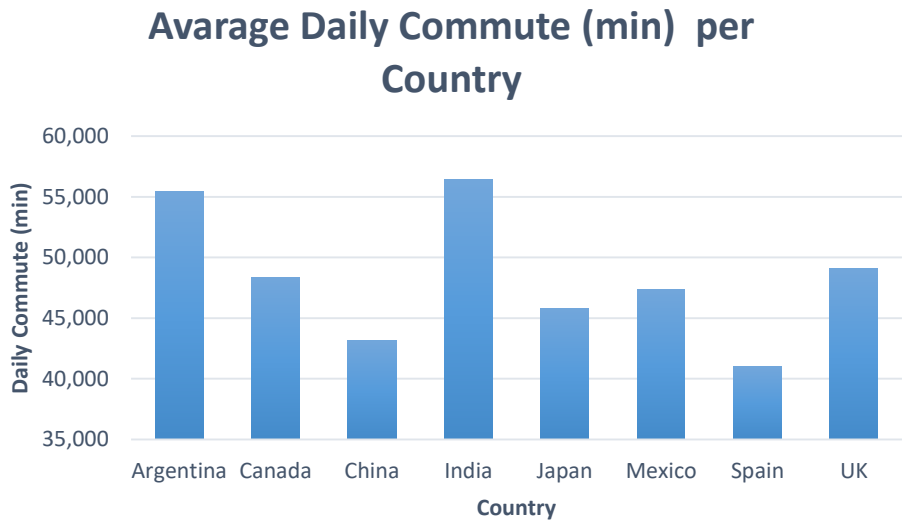
I used the data from Country and Nano Items columns to work on data above.

As we can see, most people who answered the survey are interested in having the following items: t-shirts, hoodies and backpacks. The least interest is in socks

In the table we can see the Mode of items in each country. Being the majority of them prefer t-shirts. China and Mexico prefer hoodies.

Commute time affecting sleep time



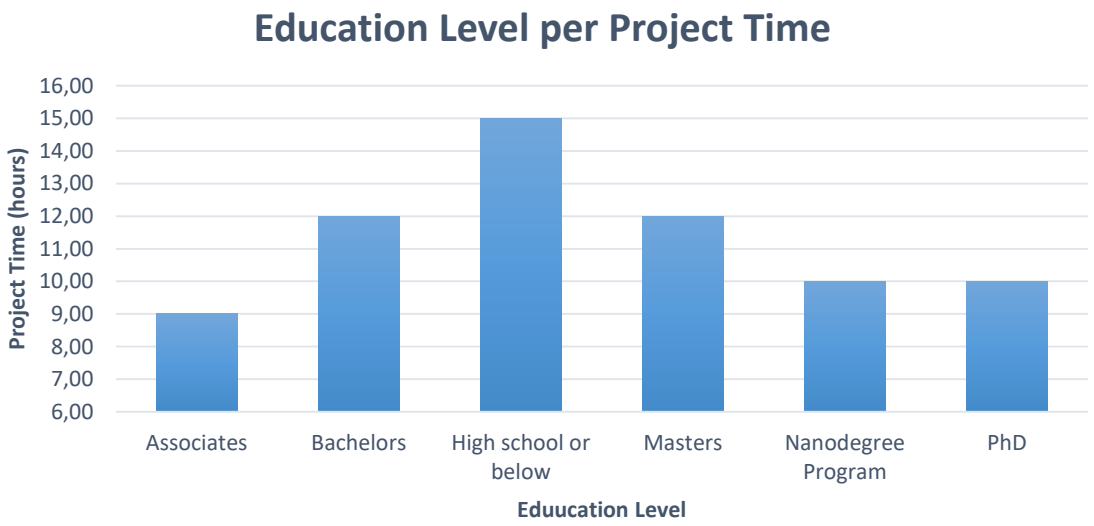


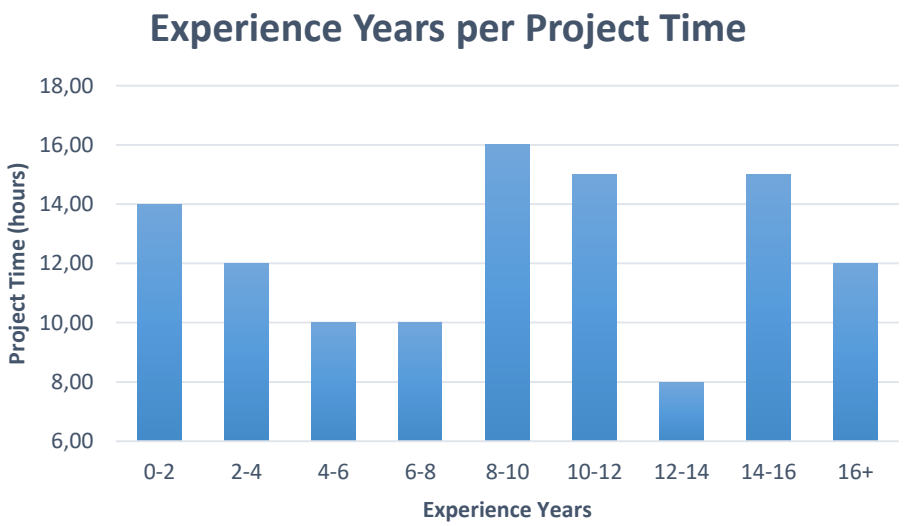
I used the data from Country, Sleep Time and Commute Time columns to work on charts above.

As a correlation I wanted to investigate if the students who answered the survey commute time can affect the sleep time of students in different countries. I used the average of the data gruped by Country to analyze.

As a result we can see that this correlation can be correct on this database. For example, India appears with the longest commute time and the penultimate time of sleep.

Relationship between Project hours and Experience Years or Education Level





In the above study I wanted to check if experience years or education level are correlated with students time to complete projects.

Initially I used the mean time to study data, but I realized that the standard deviation was too high and we could not verify correlations. So, I used the median because I verified that it best represented what I wanted to study.

As a conclusion we can see the students who answered the survey with high education level as Phd and Masters have a shorter time to completion project.

We can also verify that the project time conclusion decreases considerably from 0 to 8 years of experience