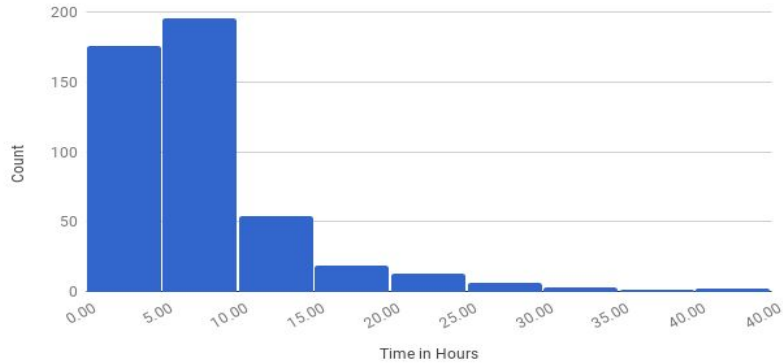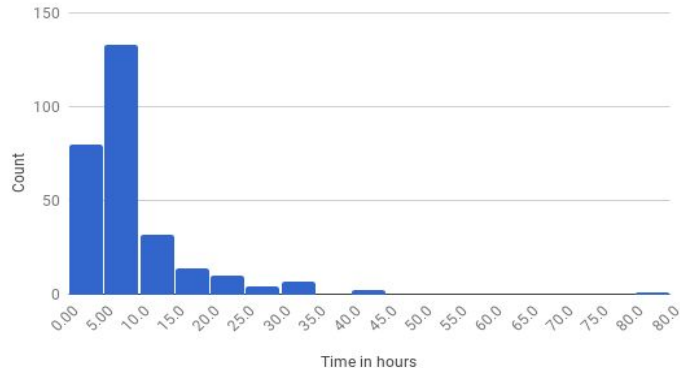# Turki Alsughayyir

Average Study Time By Education

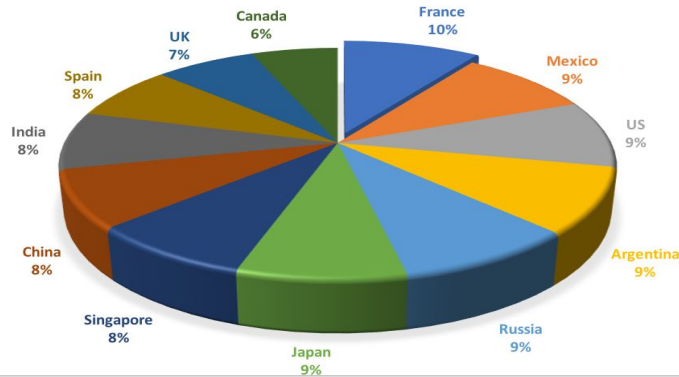Study Time for non Bachelors

Study Time For Bachelors

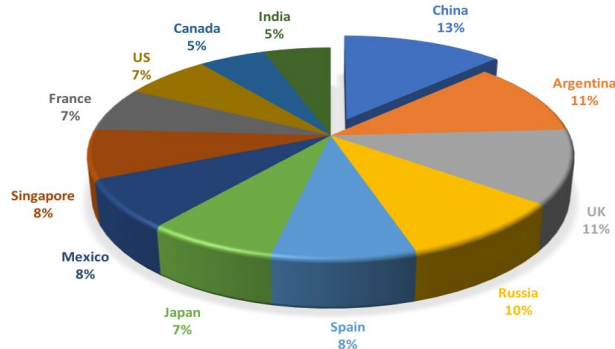Here are histograms For Bachelors vs. Non-Bachelors students.

Both distributions appear to be Right- Skewed. Therefore, the mean for each is higher than median. The mean for Bachelors is approximately 7.74 hours per week with median of 6 , and the mean for non-bachelors is approximately 6.61 hours per week also median is 6, We can say Bachelors read more hours than non-bachelors. The Bachelors study time data had a Range of 80 and standard deviation of 7.91 where the non-bachelors study time data had a Range of 40 and standard deviation of 5.60. The Bachelors data having a higher standard deviation tells me that The Bachelors study time is more spread out dispersed than non-bachelors. The range indicates that there was wider variation in the Bachelors study time than NON-Bachelors for this survey .

Reading Books for Employee vs Non employee per country

PERCENTAGES OF EMPLOYEES WHOSE READING BOOKS BY COUNTRY

Canada 6%, France 10%, Mexico 9%, US 9%, Argentina 9%, Russia 9%, Japan 9%, Singapore 8%, China 8%, India 8%, Spain 8%, UK 7%

PERCENTAGES OF NOT EMPLOYEES WHOSE READING BOOKS BY COUNTRY

India 5%, Canada 5%, China 13%, Argentina 11%, UK 11%, Russia 10%, Spain 8%, Japan 7%, Mexico 8%, Singapore 8%, France 7%, US 7%
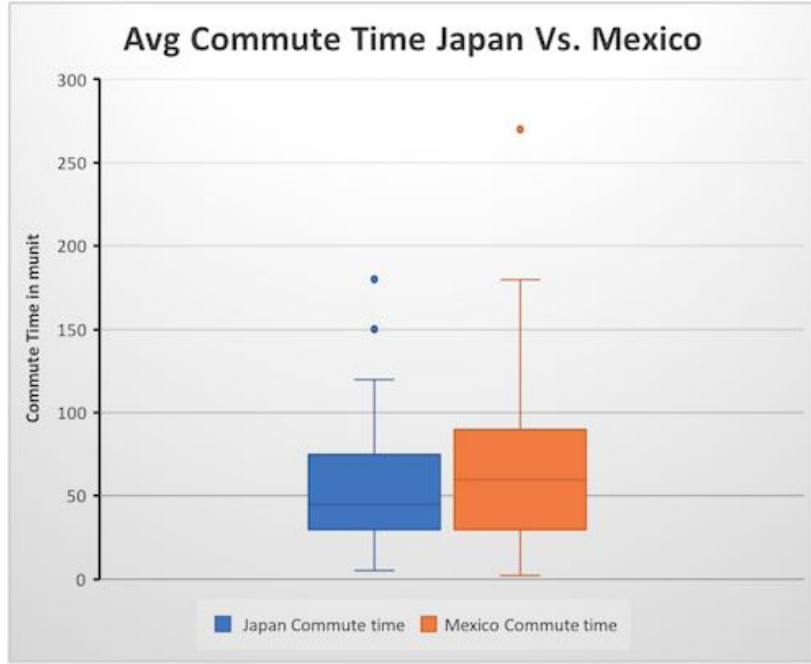
These two pie charts show the the percentages of employed and Non employed students who read books by each country.

We can see that the highest country has employed reader was France with 10% and Non Employed reader was china.

there were a number of differences and similarity like Mexico and US has the same percentages of 9% for employed reader and on the other hand Argentina and UK was 11% of non employed reader. It is clear that Spain has the same percentage for both employees and non employees readers.

The smallest percentage of employed reader was Canada and non employed reader was indian.
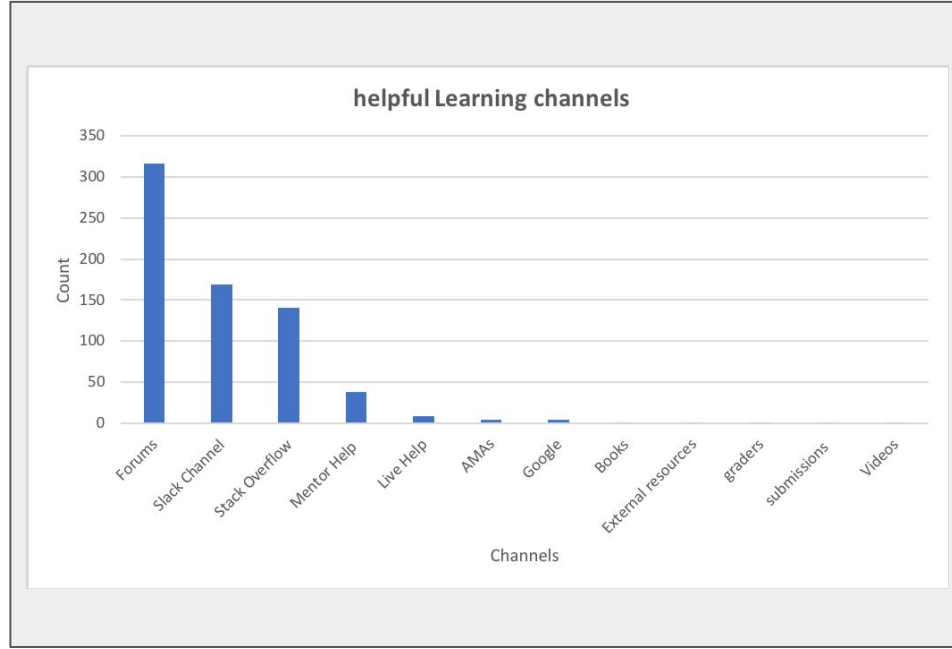
Average Commute Distance in Japan and Mexico

Avg Commute Time Japan Vs. Mexico

Japan Commute time   Mexico Commute time

Here is a box blot about the average commute time in minutes in Japan and in Mexico.

I think there's some very interesting information in here, The first thing I noticed was how similar the lower quartile is for both countries and it was 30 minutes. And the minimum commute time was Mexico with 2 minutes, japan was 5 minutes, A difference of 3 minutes. Mexico is 15 min higher Median than Japan. Same with the IQE in japan was 45 min and Mexico was 60 min. The Upper Quartile in japan was 75 min and Mexico was 90 min.The range of japan was 175 min. and the range of Mexico is 268 min, the range is affected by the outliers with commute time up to 250 minutes a day!

The Most Helpful Channels For Students

helpful Learning channels

This bar chart illustrates and shows the Most helpful learning channels for some of Udacity students if they stuck in nanodegree program.

Based on the survey Couple of channels relatively low like videos, feedback from Submissions and graders. On the other hand 317 of the students said that Forums are the most helpful channel when they get stuck. It's look like Forums and Slack channel are really helpful to those students.