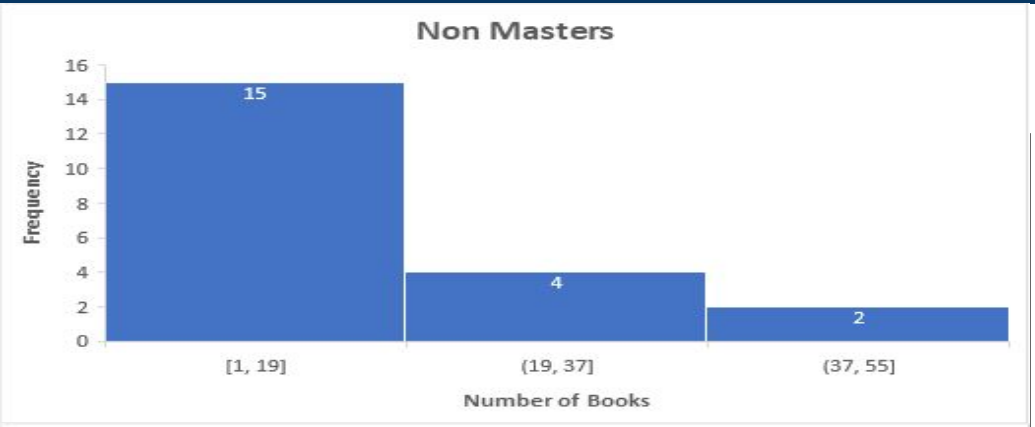
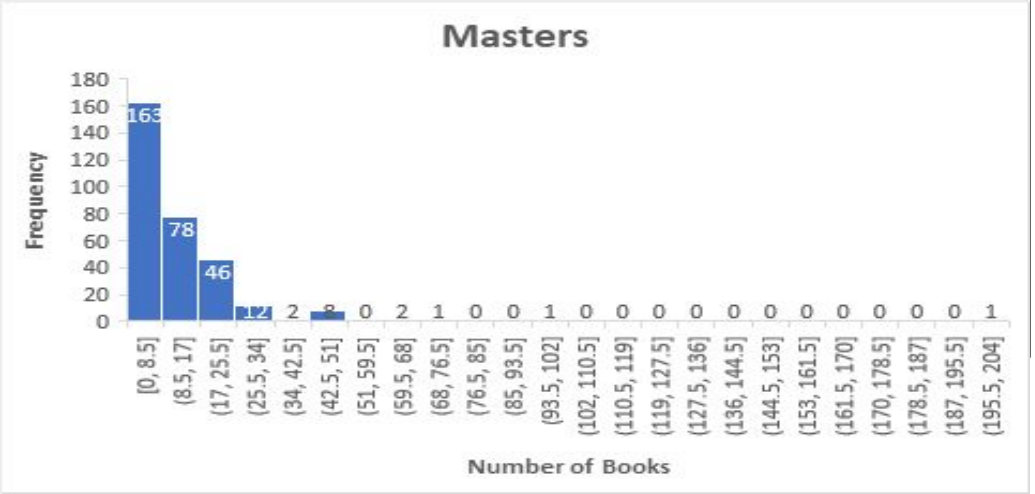
Number of Hours Slept By Employment

These are the two histograms that represents number of hours slept by employed and unemployed candidates.

First distribution appear to be left skewed so the mean 6.933333 is less than the median 7.But second distribution appear to be a normal distribution with outliers. By comparing both distributions we couldn't see much difference in number of hours slept. If we neglect the outliers the Summary statistics for the both the distributions appear to be same.

Number of Books Read By Education



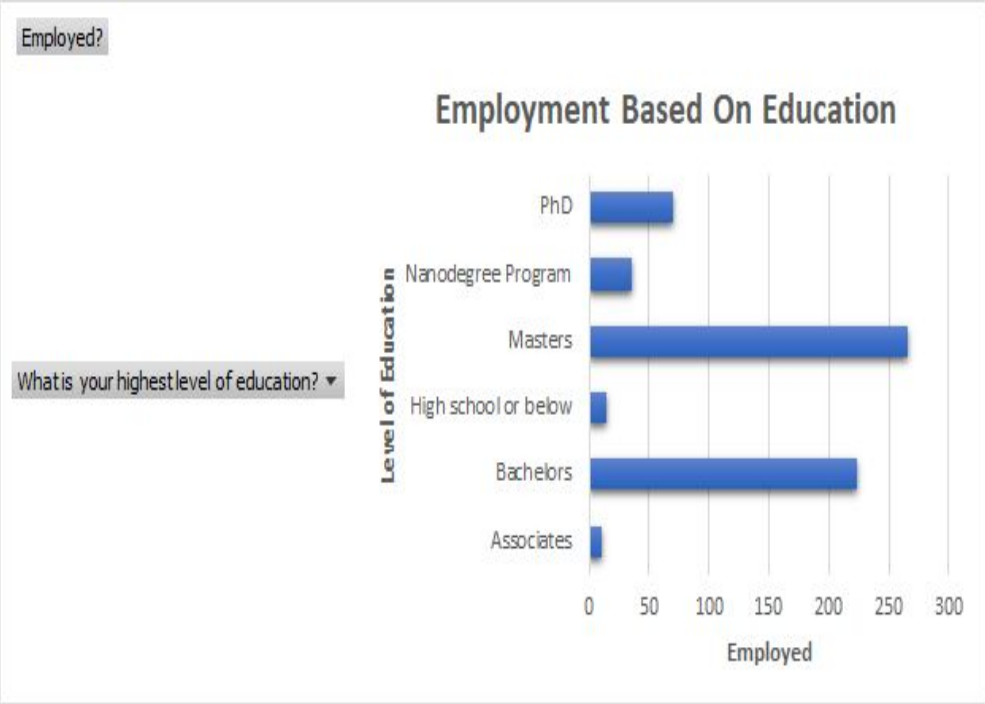


Here are the histograms that represents the number of books read by masters and non-masters students.

Both the distributions appear to be right-skewed so the mean in 1st distribution 14.0472 and mean in 2nd distribution 12.17834 are higher than the median in both the distributions.

The mean and the summary statistics for the both the distributions appear to be similar.

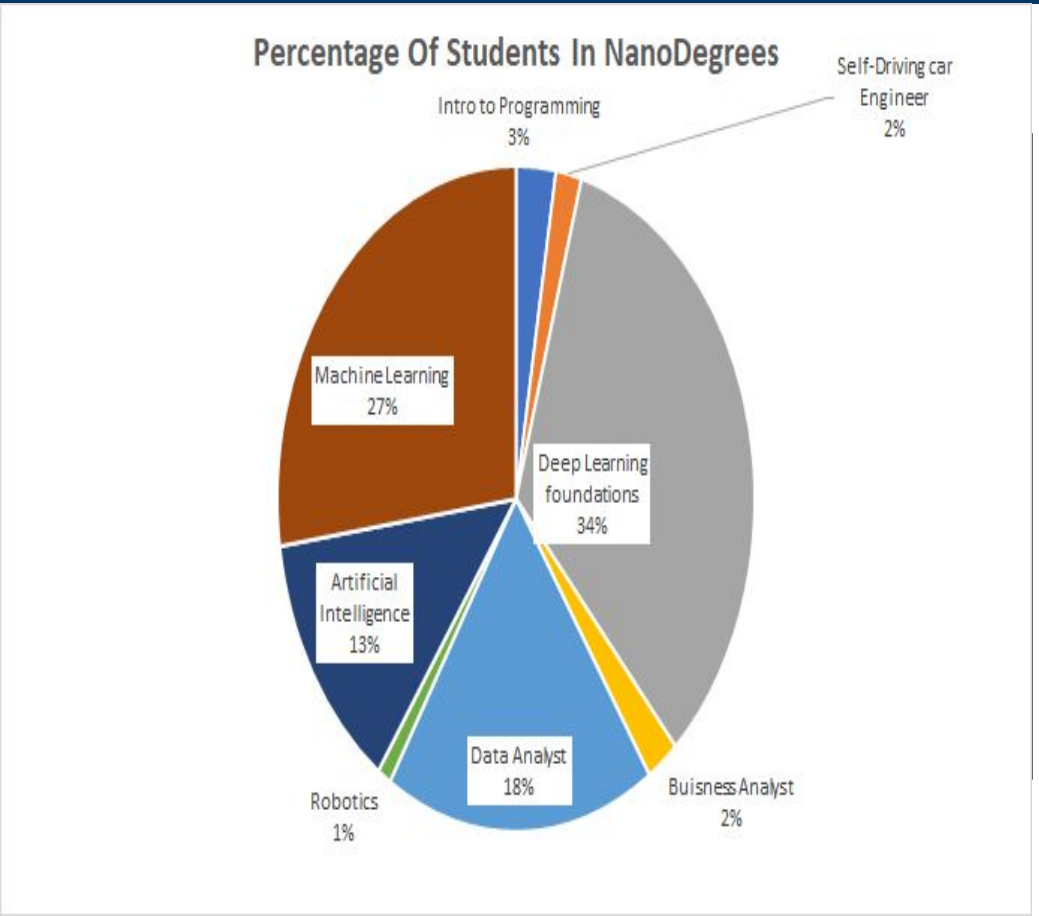
Employment Based On Level of Education



Here is a bar chart representing number of candidates who participated in the survey were employed based on their level of education.

It looks like candidates who has a bachelor's degree is more likely to get employed. Since out of all the 620 participants 77% of the candidates have at least bachelor's degree. Maximum number of candidates who were employed has a master's degree.

Percentage of Students in Nanodegrees



Here is the pie chart which represents the percentage of students enrolled in different NanoDegrees.

It looks like most of the students are interested in learning deep learning and machine learning algorithms. Since 61% of entire students are enrolled in deep learning and machine learning algorithms. Data Analysis also became one of popular topics among students with almost 18% of students enrolled in data analyst nanodegree.