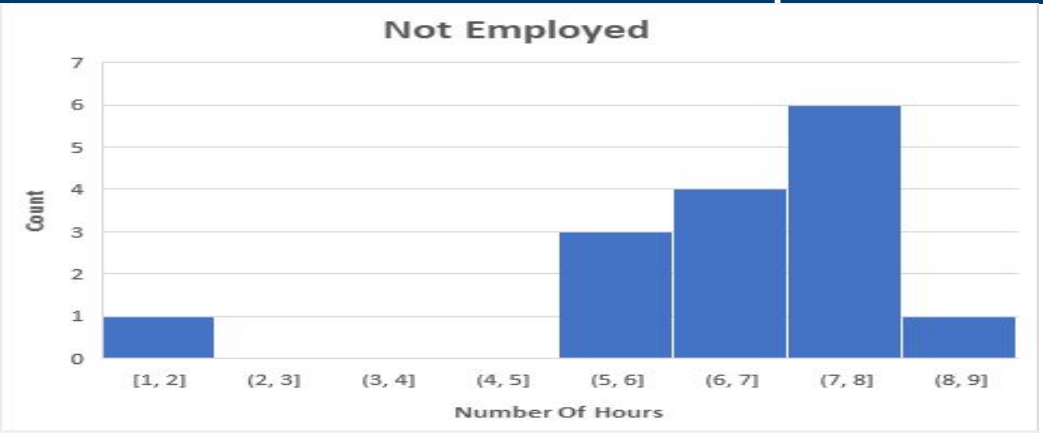
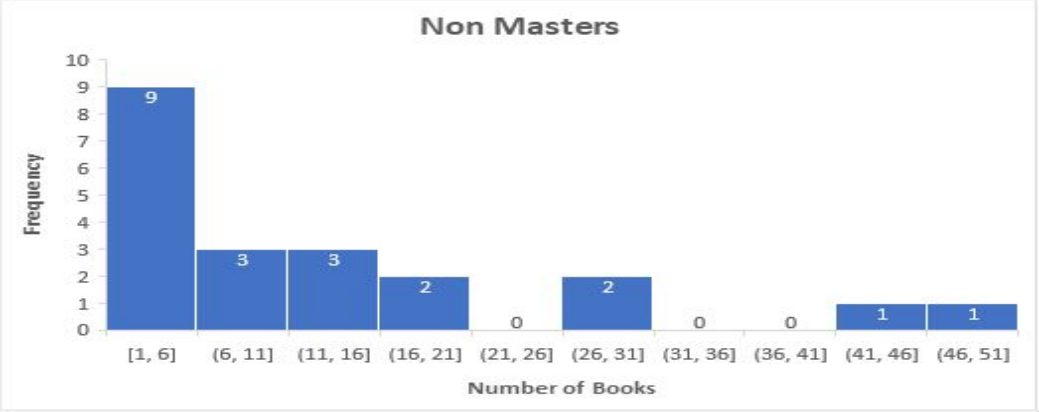
Number of Hours Slept By Employed And Unemployed Graduates Who Participated in the Survey

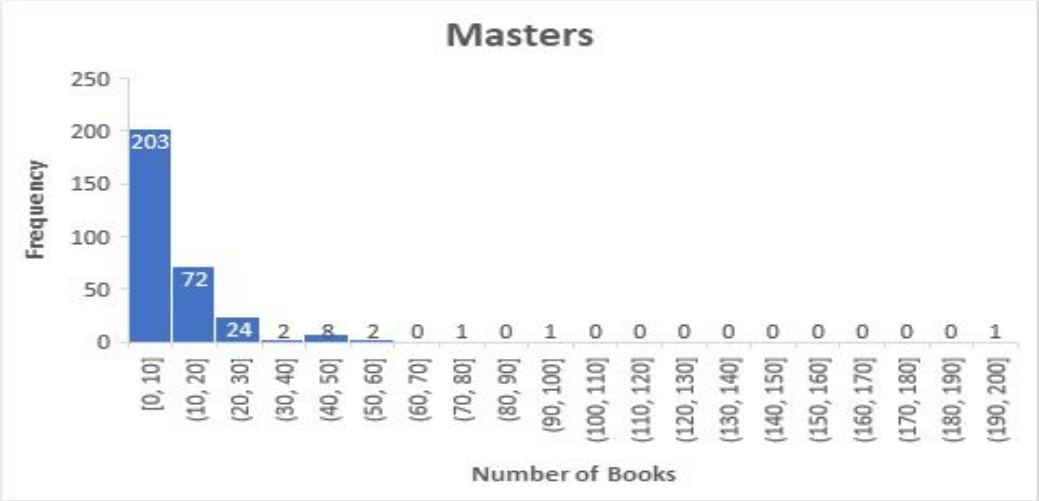


These are the two histograms that represents number of hours slept by employed and unemployed graduates who participated in the survey.

Both the distributions appear to be normal distributions. The mean for both distribution appears to be similar with a value approximately 6.9. Hence we can say that employed and unemployed graduates doesn't have much difference in their average sleeping hours. Range for each group 8 and 6 also looks very close. It could also mean there were no outliers present and spread between the values was less.

Number of Books Read By Masters and Non-Masters Students Who Participated in the Survey



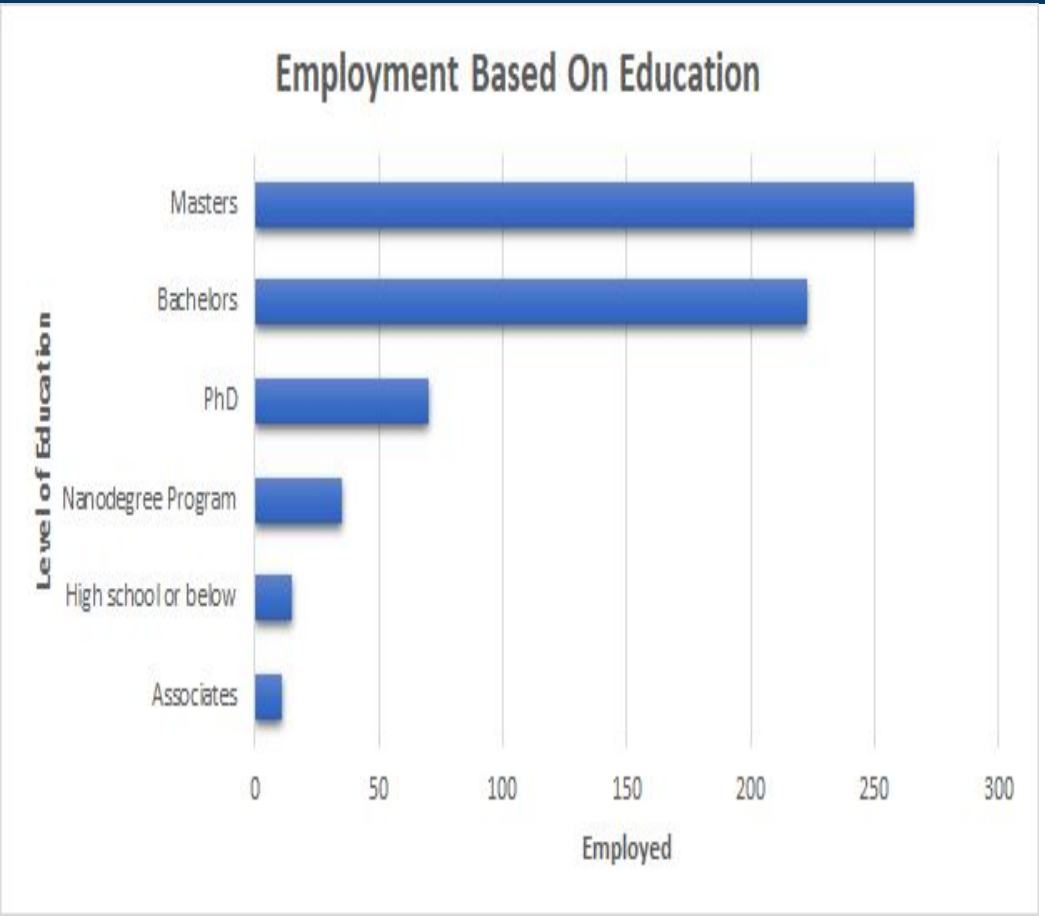


The median number of books read by the non-masters students is 10 and masters students is 8.It looks like non-masters students are reading more books than the masters students according to the median.

Here the mode for non-masters students is 6 and masters students is 5. It looks like many non-masters students are reading 6 books which is slightly greater than what many masters students are reading.

The standard deviation for masters students is 16.4 books and for non-master's is 13.6 books. So there is a high variability for masters students in number of books read when compared to non-masters. This could be due to some big values like 200 in terms of books read for masters students.

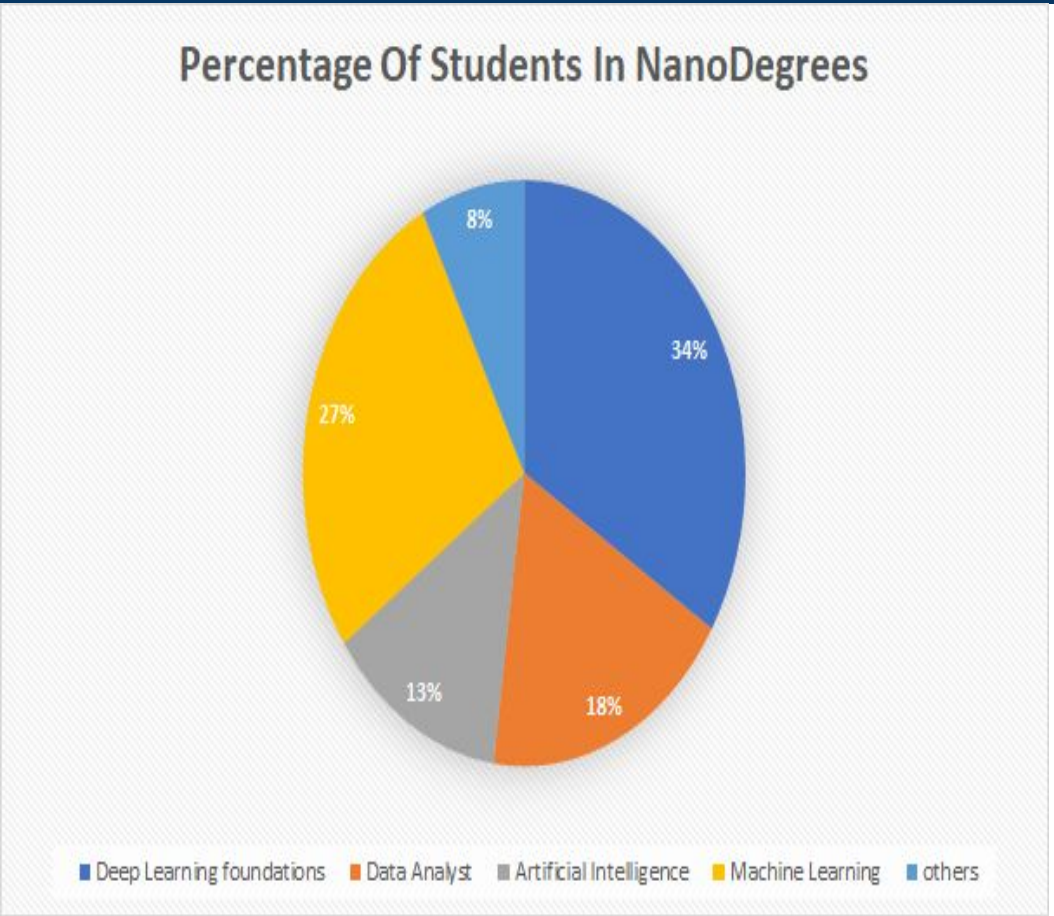
Employment Based On Level of Education



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.