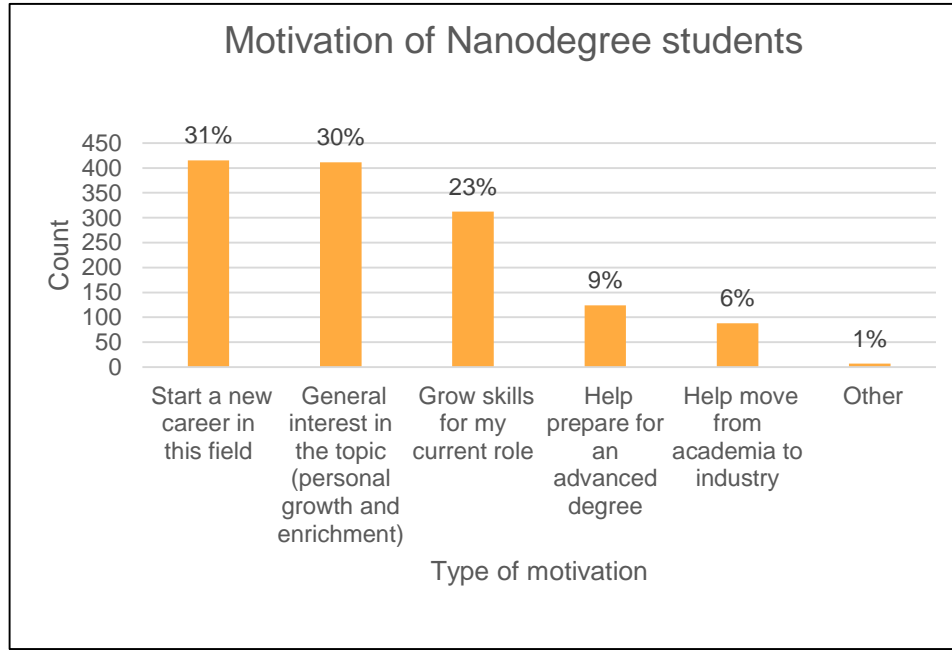


Which is the motivation of students for following a Nanodegree?



Here is the Bar chart which contains the motivation of students for following a Nanodegree.

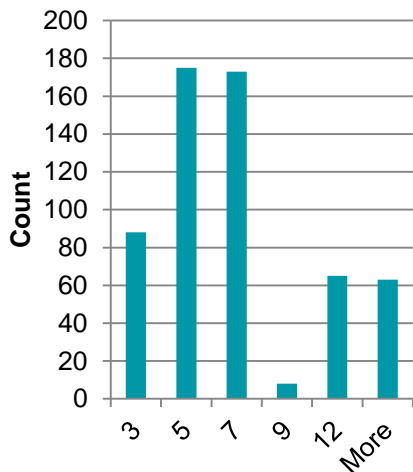
The highest percent of students of 31%, would like to start a new career in this field, followed closely by 30% of students which have a general interest in the topic (personal growth and enrichment).

On the 3rd place, percentage in value of 23% of students would like to grow skills for their current roles.

This data is from Survey Respondents and is not from the entire Udacity Student population.

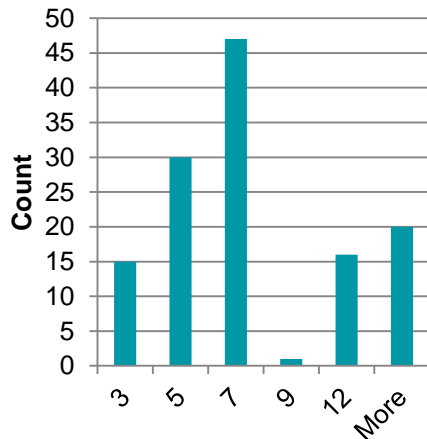
Study hours by employment

A. Study hours per week of Employed students



Time per week in hours

B. Study hours per week of Unemployed students



Time per week in hours

Here are Histograms for Study hours per week of Employed and Unemployed Students.

Histogram A, describes a negative left skewed bimodal distribution where mean is approximately the same with median and mode. **From data provided, the mean(average) hours per week spent studying for Employed nanodegree students is 3 hours.**

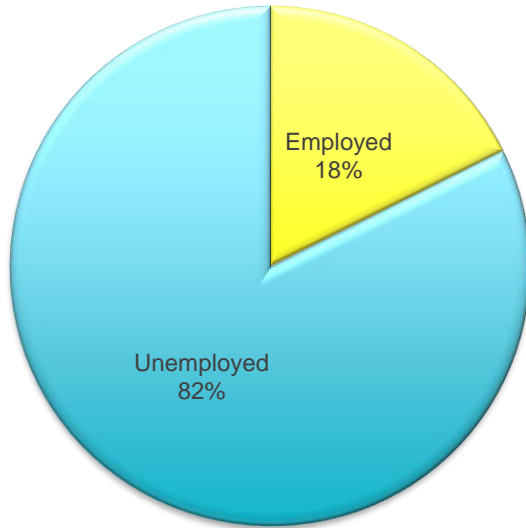
Histogram B, describes a positive right skewed distribution, also, where mean is greater than the median and mode. Median has the same value as the mode. **From data provided, the mean(average) hours per week spent studying for Unemployed nanodegree students is 7,8 hours.**

Based on **median which equals mode**, Unemployed students spend more time studying per week, **3 hours** than Employed ones, **6 hours**. Standard deviation for Employed students is 0,78 while for Unemployed students is 5,9. Therefore variability in study hours per week for Unemployed students is larger.

Minimum value is 1 study hour per week and maximum value is 40 study hours per week and range is 39 study hours per week for both distributions, without taking into consideration the presence of an outlier of 80 study hours per week for Employed students. **This data is from Survey Respondents and is not from the entire Udacity Student population.**

What percentage of students are Unemployed?

Nanodegree Students

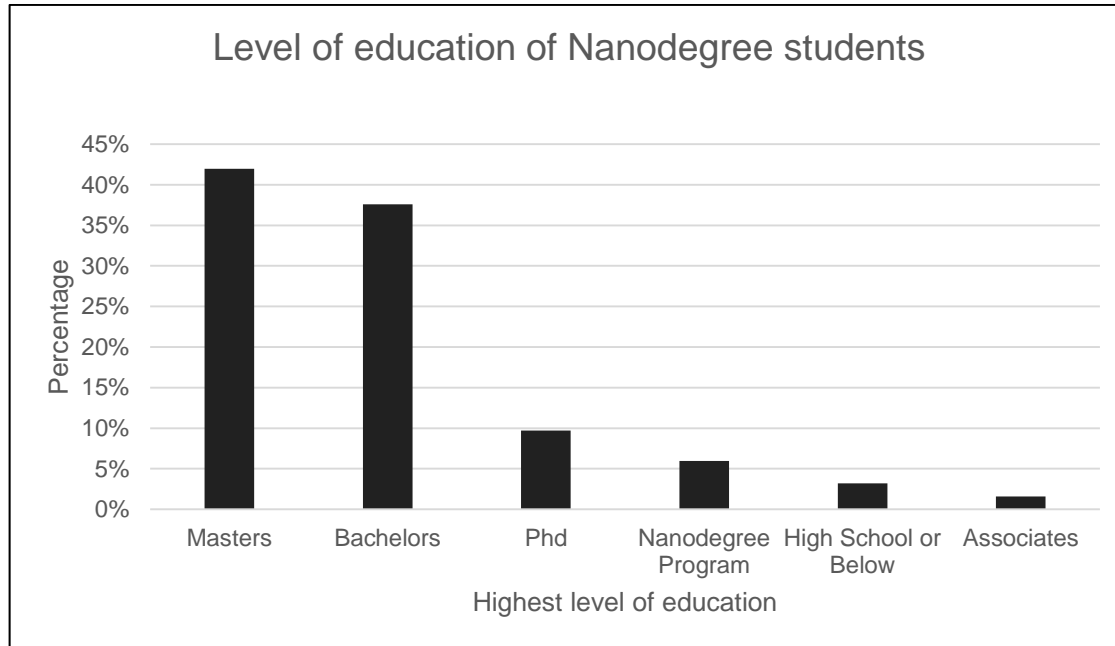


Here you can find a Pie chart with employed and Unemployed students.

From data provided, it shows that majority of students in percent of 82% are Unemployed while only 18% are employed.

This data is from Survey Respondents and is not from the entire Udacity Student population.

Which is the level of education of Nanodegree students?



Here is the Bar chart which contains the levels of education of students, following a nanodegree.

The highest percent of students approximately 42%, have a Master degree as their highest level of education, while 28% of students possess a Bachelor degree.

The rest of the students in value of approximately 30 % have as highest level of education: Phd, Nanodegree Program, High School or Below and Associates.

This data is from Survey Respondents and is not from the entire Udacity Student population.