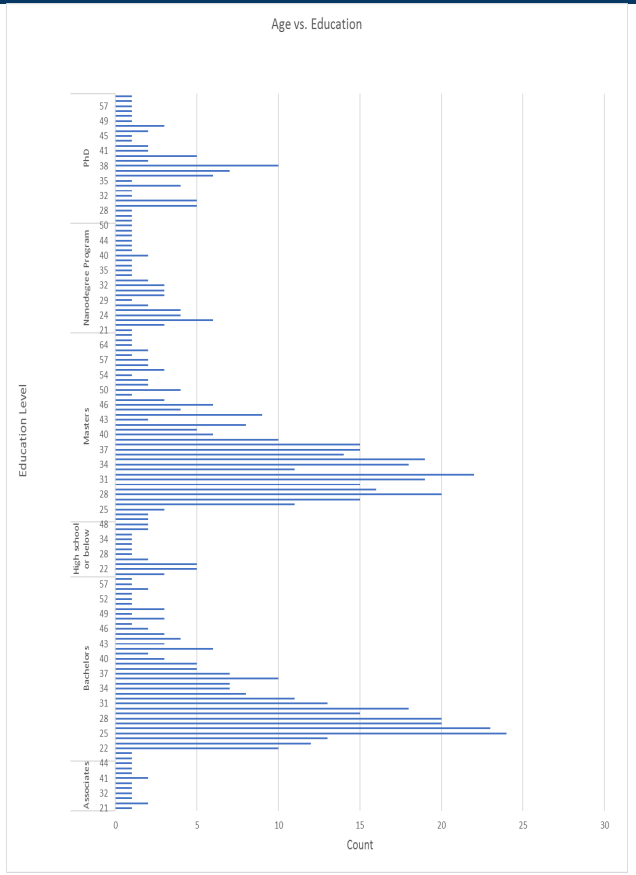
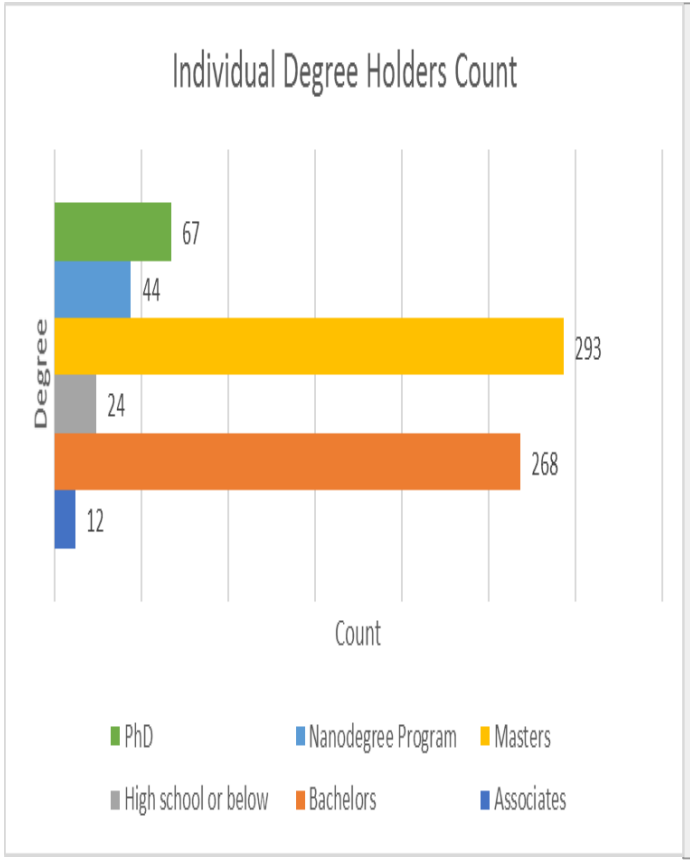
Students Age vs. Education





Here is clustered bar charts for Age. Vs. Education and Degree counts.

The chart indicates Udacity students are likely to already hold a degree. Students with an Associate degree are lower than all other degrees

Students are more likely to have a Masters or Bachelors than an Associates degree

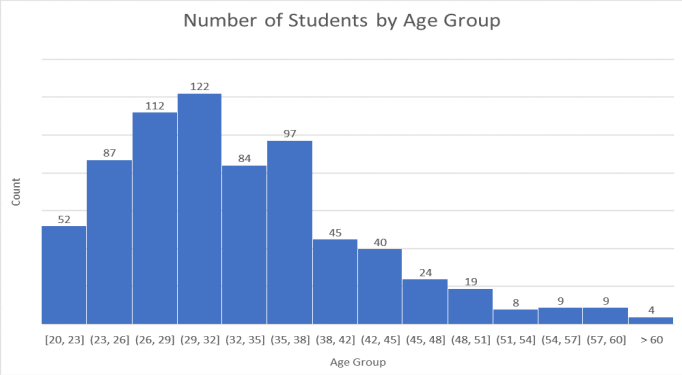
Older students tend to have a Bachelors, Masters or PhD while more younger students tend to have lower degrees or only High School and below educations

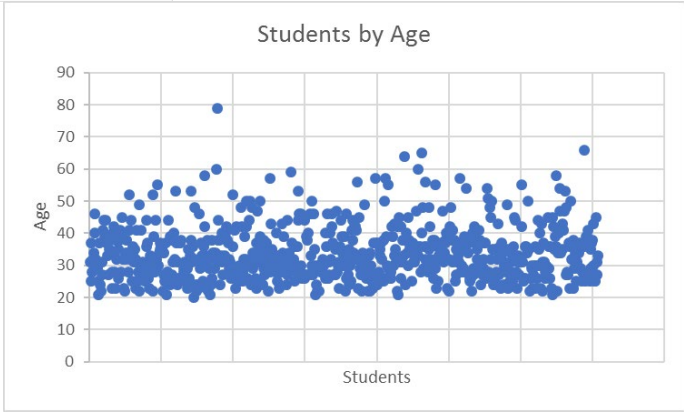
While this data is not from the entire Udacity student population students age 30-39 make up 316 of the responses.

The Median age is 32 and the Mean age is 34 indicating the average is higher than the Median

The overall age Standard Deviation is about 8.36 implying response data is fairly tightly bunched together around the Mean

Students by Age Group





Here is a Histogram and Scatter plot for Students by Age Group.

The distribution is right-skewed. Therefore, the mean(33.66) is slightly higher than the median (32)

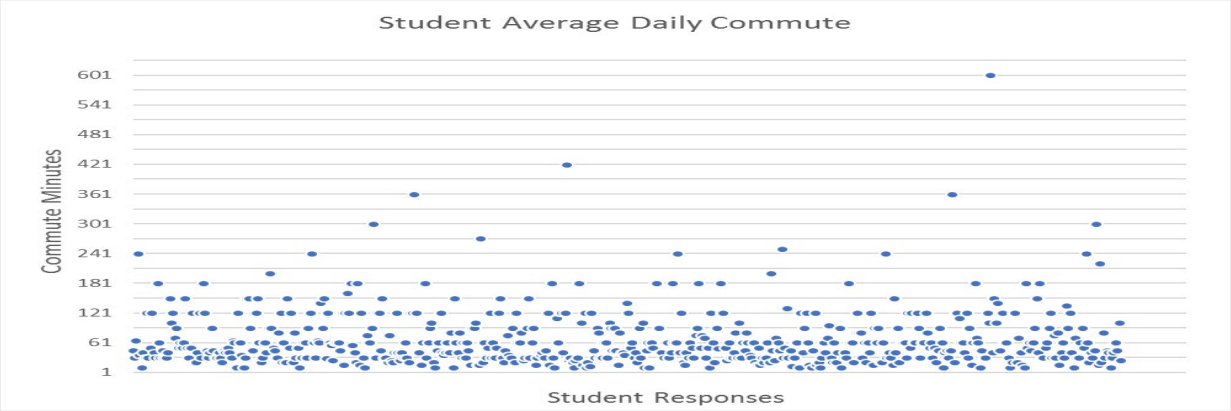
Students age 20 to 51 consist of 95.9% of student responses

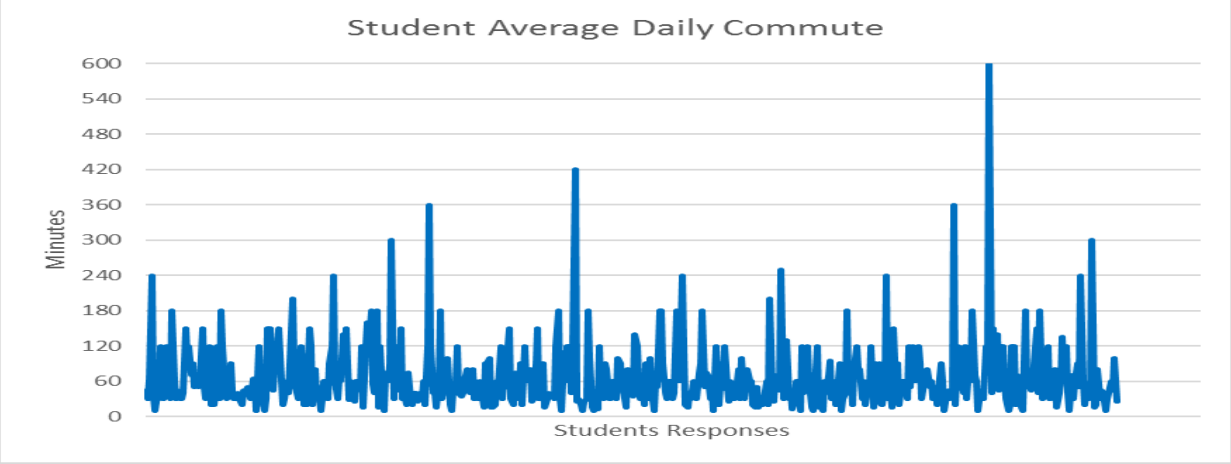
This chart seems to indicate higher age groups take part in Udacity training much less than younger ages

The chart indicates that ages 26 to 32 actively take part in more Udacity training than other age groups

The Standard Deviation is 8.35 implying response data is fairly tightly bunched together around the Mean which the Scatter chart also indicates

Student Average Daily Commute





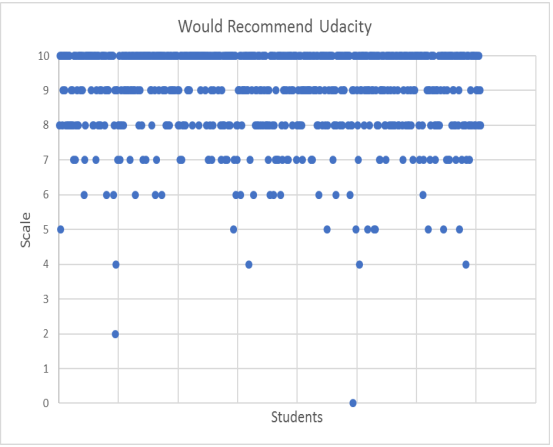
Here is a scatter and line chart for Student Average Daily Commute.

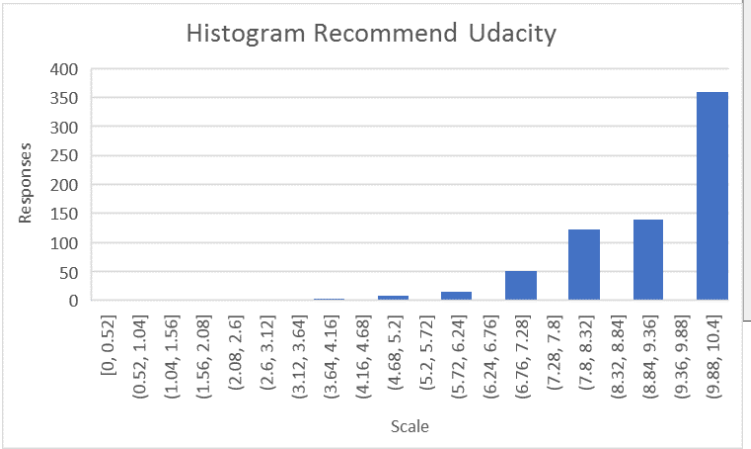
The chart indicates a high concentration of responses for 1-60 minutes. Therefore it looks like most students commute around 30 minutes or less each way per day

The Mean is 67.60 minutes and the Median is 50 minutes. The Max was 600 minutes and the minimum was 10 minutes.
The maximum is probably an error since it is unlikely that a student is commuting 10 hours per day. The Mode was 30 minutes

The Standard Deviation is 58.57 implying response data is somewhat widely spread around the Mean which the Scatter chart also indicates

Would Recommend Udacity





Here is a Scatter and Histogram for Would Recommend Udacity responses.

The chart indicates a high concentration of 8, 9 and 10 responses by students

The distribution appears to be left skewed. Therefore, the Mean is lower than the Median. The Median and Mode is 10 while the Mean is 9.01

The data indicates 88% of the 708 responses used were an 8 or higher which would seem to indicate a high level of satisfaction

The Standard Deviation is 1.32 implying response data is tightly bunched together around the Mean