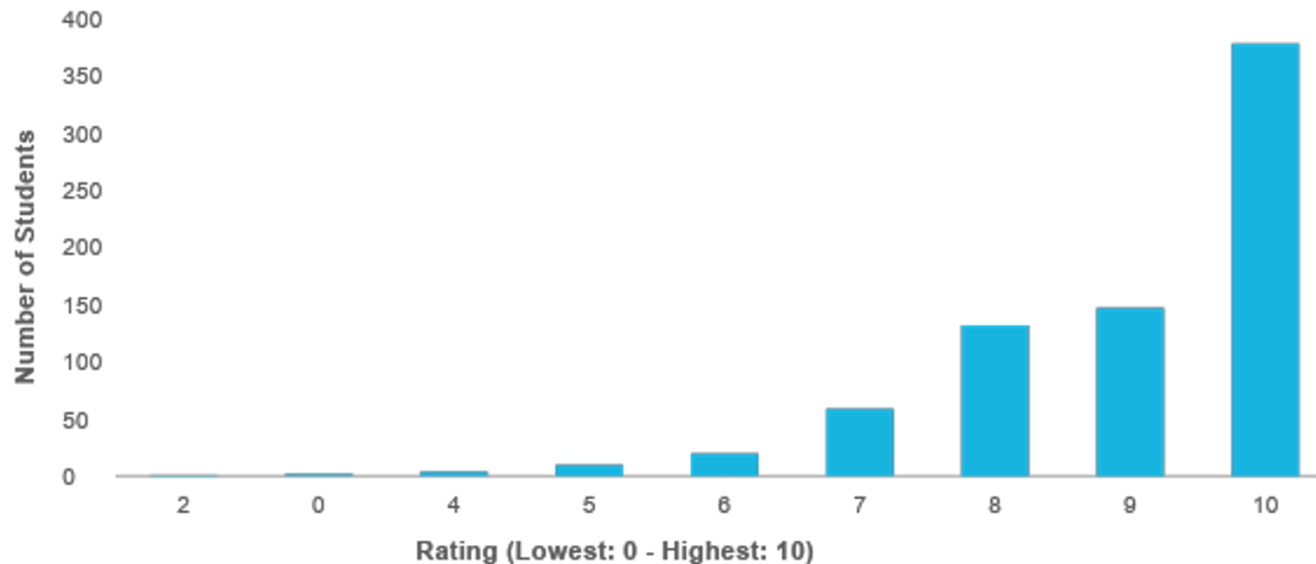


How likely is it that Udacity Students would recommend Udacity to a friend or colleague?



Number of Students per Rating*



As we can see from the recommended ratings' chart, our data set is left – skewed. The greatest number of Udacity students are likely to recommend a friend or a colleague to join a course at Udacity, as the highest number of students are closer 8-10 than 0 – 7.

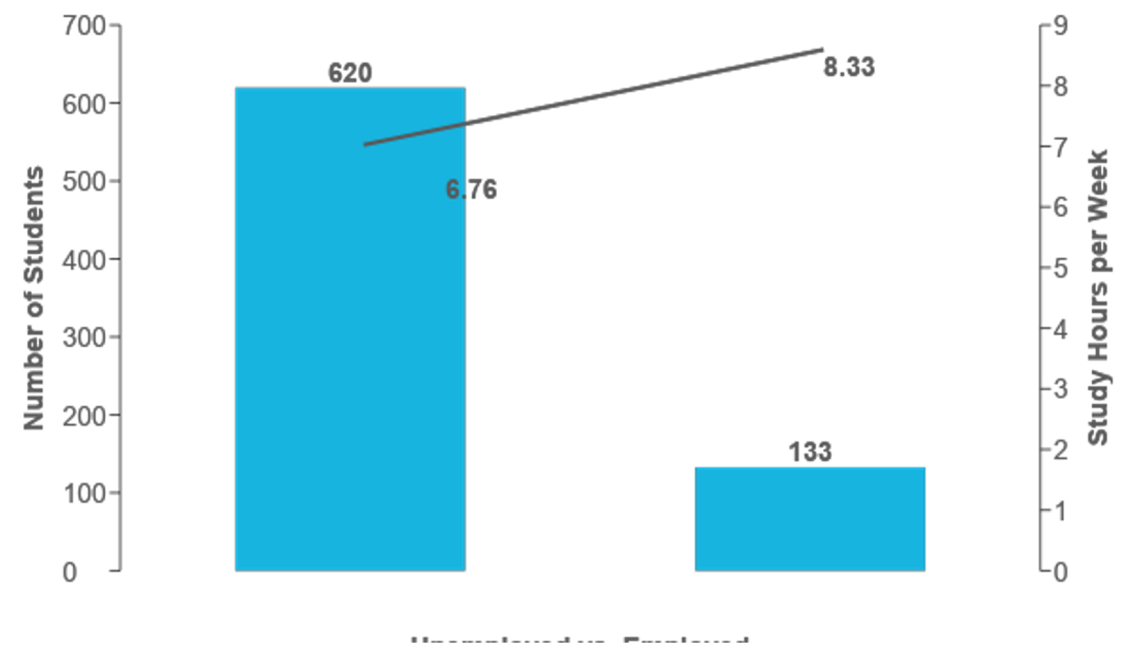
Summary statistics also show us that the average rating (Mean) from all the students participating to this questionnaire is approximately 8.98, with the Median and Mode ratings are 10. This shows us that the majority of the data is near the mean, which is great news as more than 50% of the existing students are satisfied with the program and would definitely (rating of 10) suggest a friend / colleague to attend a course at Udacity.

- **Mean:** 8.98
- **Median:** 10
- **Mode:** 10
- **Standard Deviation:** 1.36

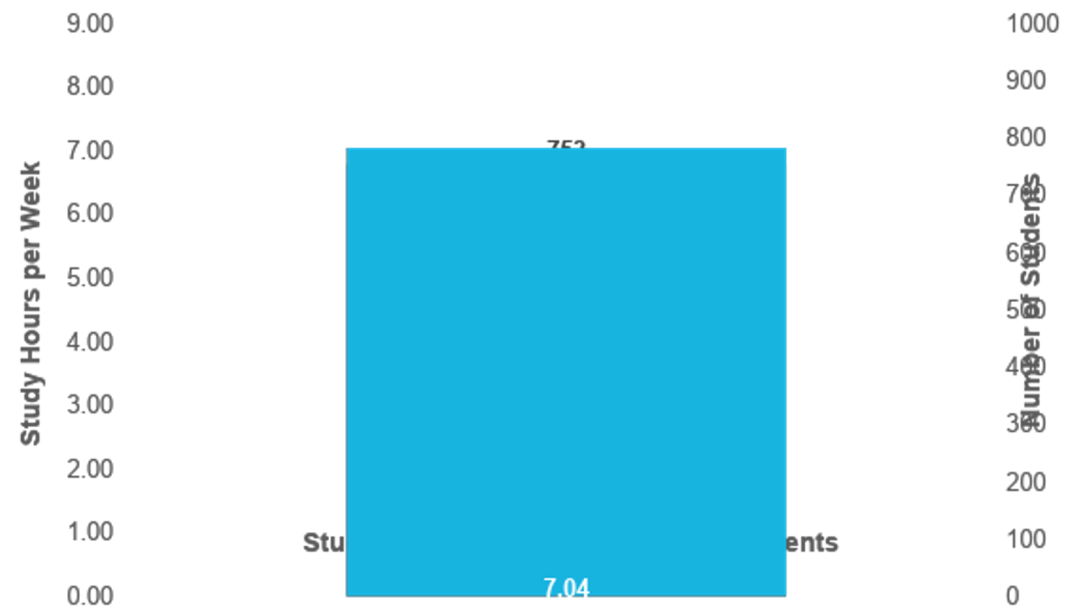
*This data is from Survey Respondents and is not from the entire Udacity Student population

Do employed students spend more time studying than students who do not work?

Study Hours Per Week vs
Employed | Unemployed Students*



Study Hours Per Week vs All Students*



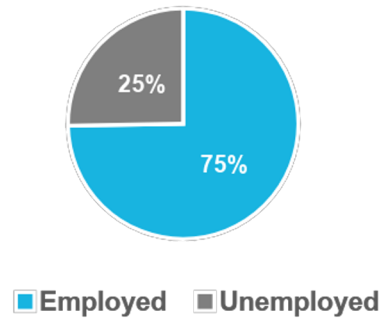
82% of the students who participated at this questionnaire are employed and stated that they spend an average of 6.76 hours per week studying for the Udacity course they are attending. Unemployed students are spending 23% more time than employed ones per week.

With the overall average study time per week is 7.04 hours we can see that employed people are only spending 4% less time than this, whereas people who are currently not working spend 18% more than the average study time.

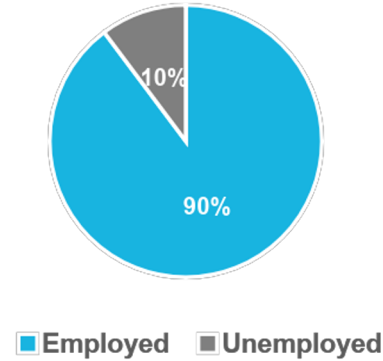
*This data is from Survey Respondents and is not from the entire Udacity Student population

Who has higher employment / unemployment rate? Older or Younger Students?

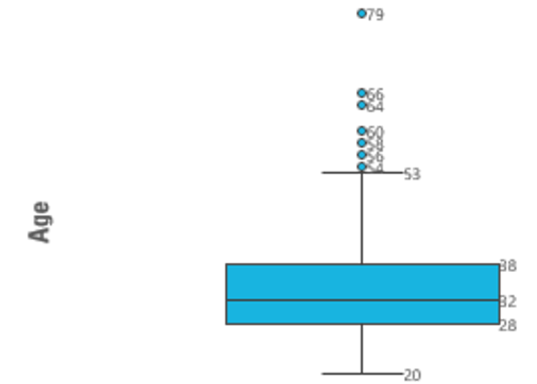
Students up to 31 years old*



Students 32+ years old*



Udacity Students Age Box Plot*



Udacity Students

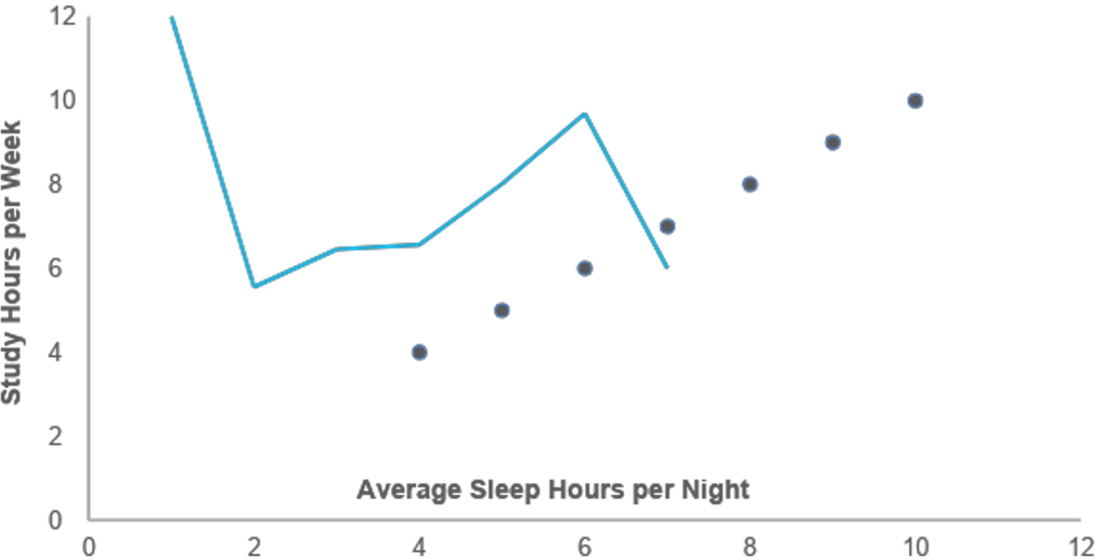
According to the charts above, we can see a higher rate of unemployment for students up to 31 years old than older students who seem to have 60% lower unemployment rate.

With the standard deviation being at 8.34, we could say that data has been evenly distributed above the mean. Based on the Box Plot, older students are those whose age is 32 (median) or older, whereas younger the ones below 32. Students' ages ranged between 20 and 73, however all students over 53 are shown as outliers as they are distant from all the other observations.

- Min: 20
- Q1: 28
- Median: 32
- Q3: 38
- Max: 79
- Standard Deviation: 8.34

Does the amount of sleep affect the amount of study hours?

Study Hours vs. Hours Slept*



From the graph above, we can see that results do correlate: the more time students spent sleeping the more time they spent studying

Although there have been a lot outliers, the standard deviation for the study hours was 6.58. Sleeping hours for this standard deviation were respective to this number.

The more relaxed students are, the more time they spend working studying for the Udacity courses.

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

Study Hours Box Plot*

