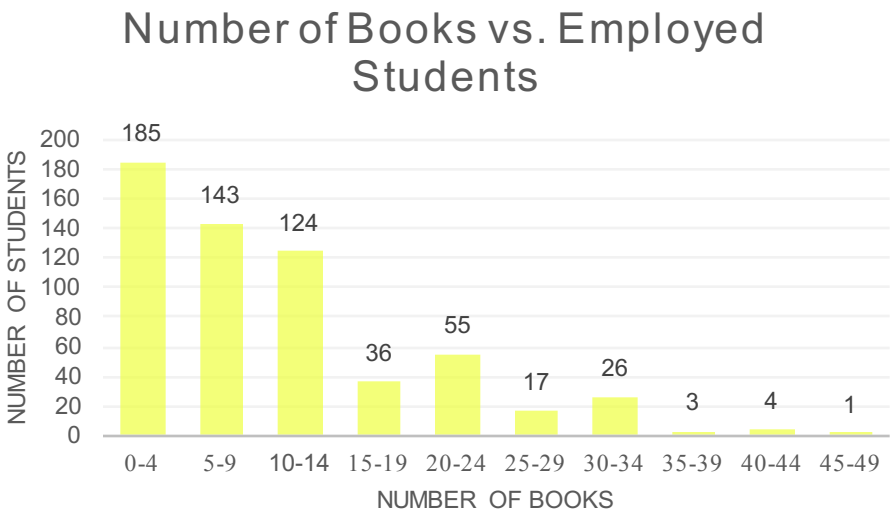
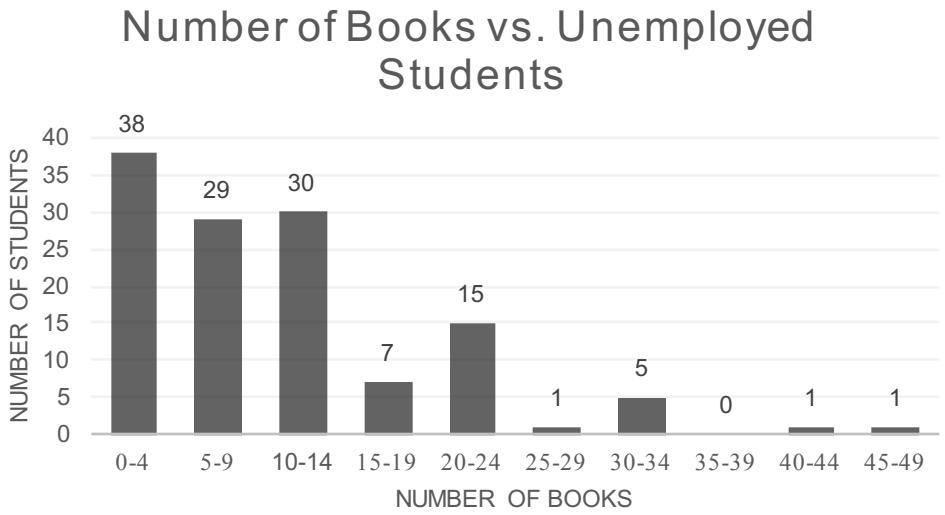
Books Read by Employed and Unemployed Students*



The histograms of books read by employed and unemployed students are both extremely right skewed. This means most students, regardless of occupation, do not spend much time reading. The average number of books employed students read is ~13 while the average number of books unemployed students read is ~12. This indicates that employed students read a few more books a year than unemployed students. The mode in the employed dataset and the mode in the unemployed dataset are both 10, meaning most students who answered this survey read 10 books a year.

*This data is provided by Udacity's Respondents Survey

Books Read by Employed and Unemployed Students*, Cont.

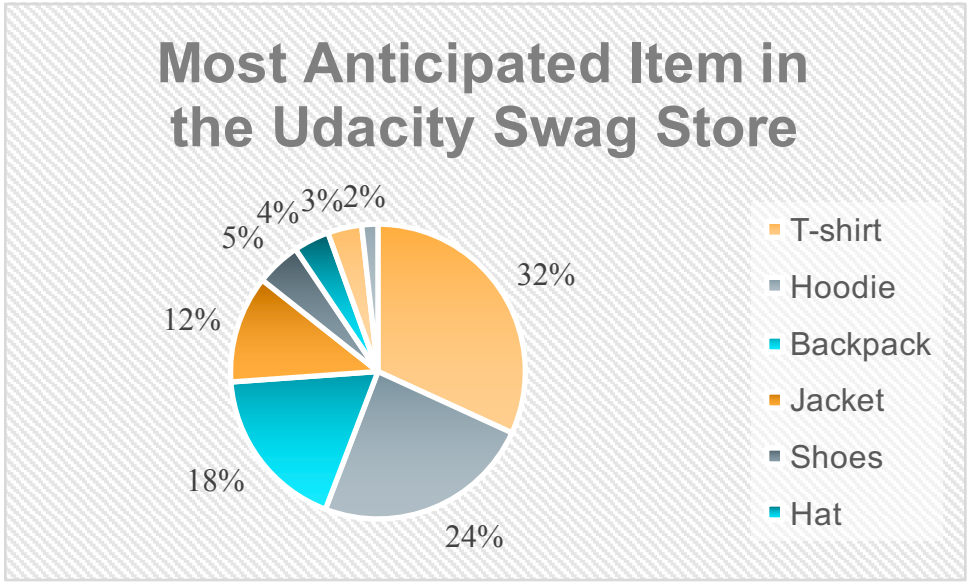


Moreover, the median for the employed dataset is 7.5, while the median for the unemployed dataset is 9. Based on the median, unemployed students read more books than employed students.

The range for the employed dataset is 600, and its standard deviation is 30.85, while the range for the unemployed dataset is 120 and its standard deviation is 16.54. This means that the number of books read by employed students vary more than unemployed students.

*This data is provided by Udacity's Respondents Survey

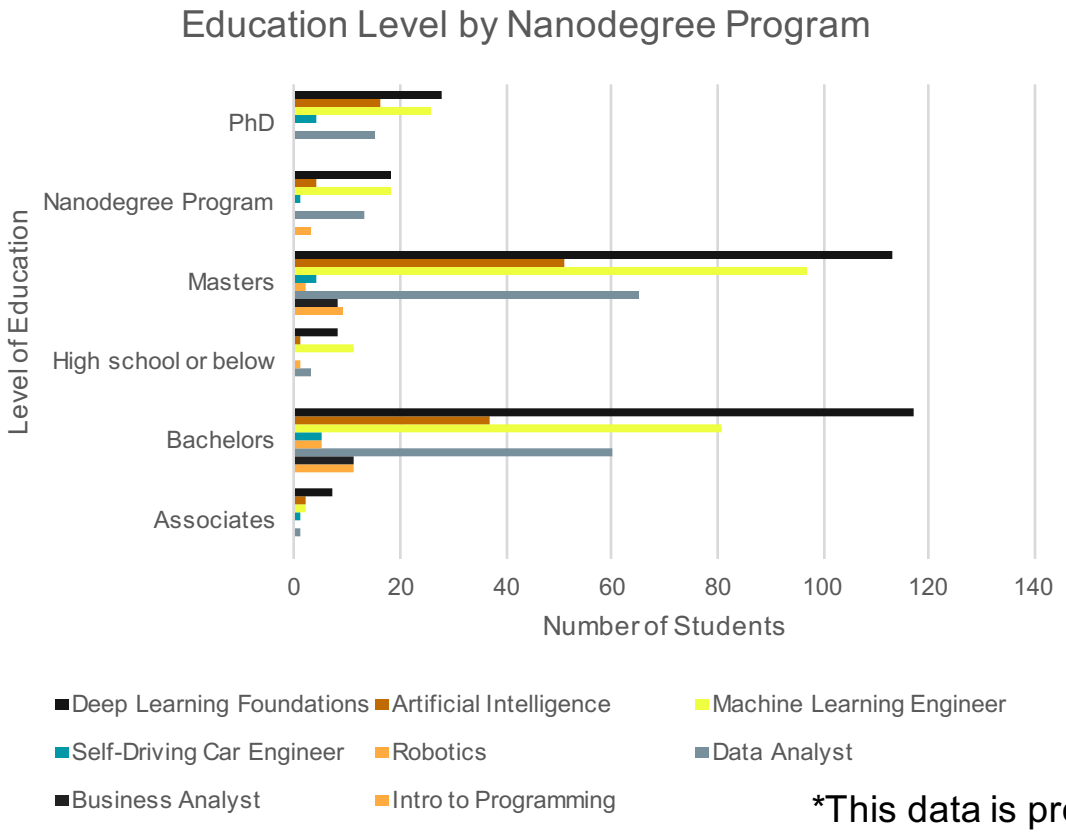
Most and Least Anticipated Items in the Udacity Store*



After counting the recurrence of each of the items available in the swag store and comparing them in this bar chart, it is clear that the most anticipated item (and the item that should be stocked the most) is the hoodie. The least anticipated item is the socks, and thus it doesn't need to be added first thing, but can be added later on to the store.

*This data is provided by Udacity's Respondents Survey

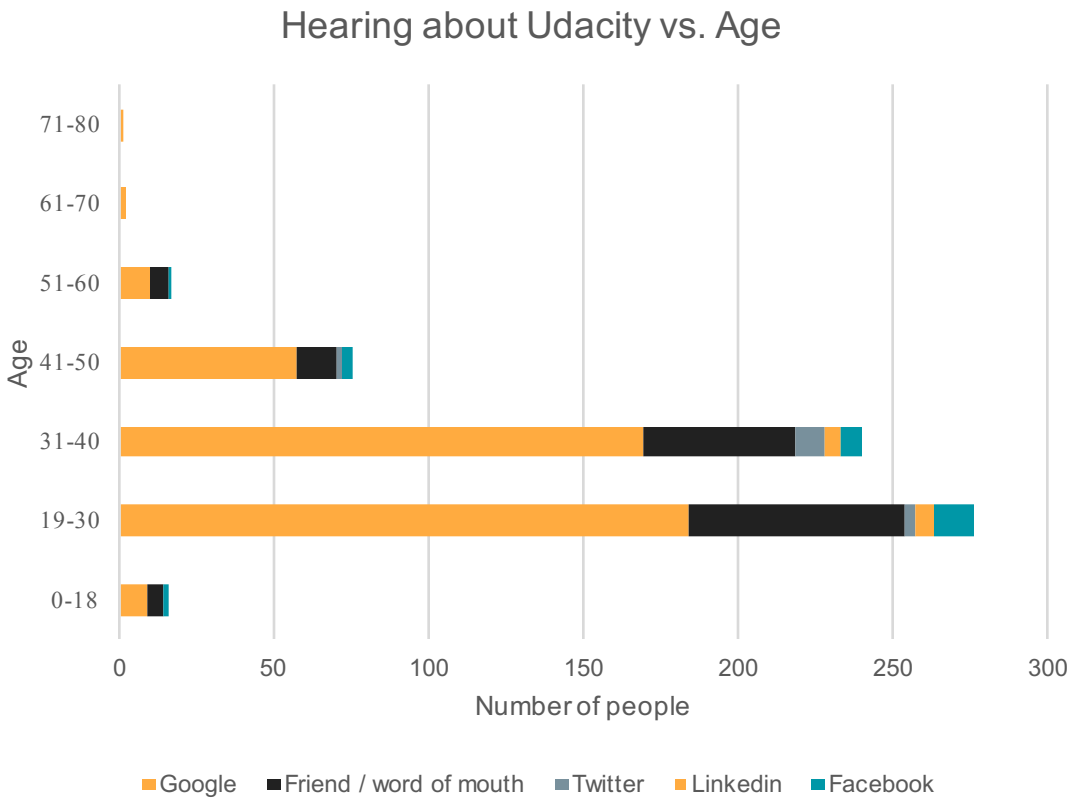
Education Level by Nanodegree Program*



The most taken Nanodegree program at Udacity is the Deep Learning Foundations Nanodegree, closely followed by the Machine Learning Engineer Nanodegree. Most people who take the Deep Learning Foundations Nanodegree achieved a Bachelor's level of education, while most undertakers of the Machine Learning Engineer Nanodegree are Master's holders.

*This data is provided by Udacity's Respondents Survey

Hearing about Udacity by Age*



It is clear from this bar chart that the single most effective way people across all ages hear about Udacity is the search engine Google. The chart also shows that people from ages 19-30 learn about Udacity via friends or word of mouth than people in ages 31-40, who in turn hear more about Udacity via Twitter than people aged 19-30.

*This data is provided by Udacity's Respondents Survey