

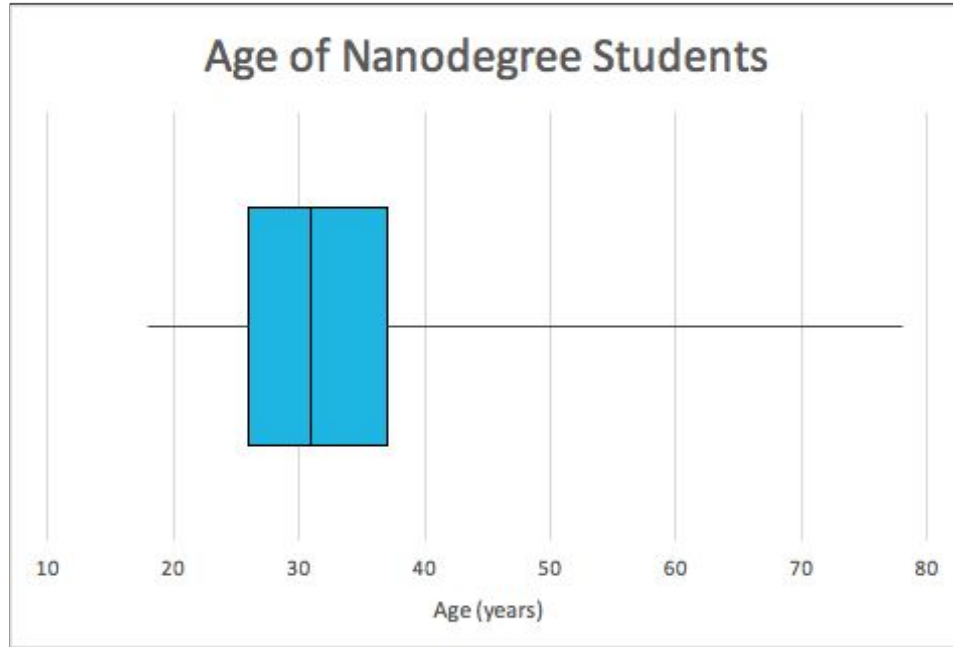


UDACITY

Student Survey Analysis Project

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Age of Nanodegree Students

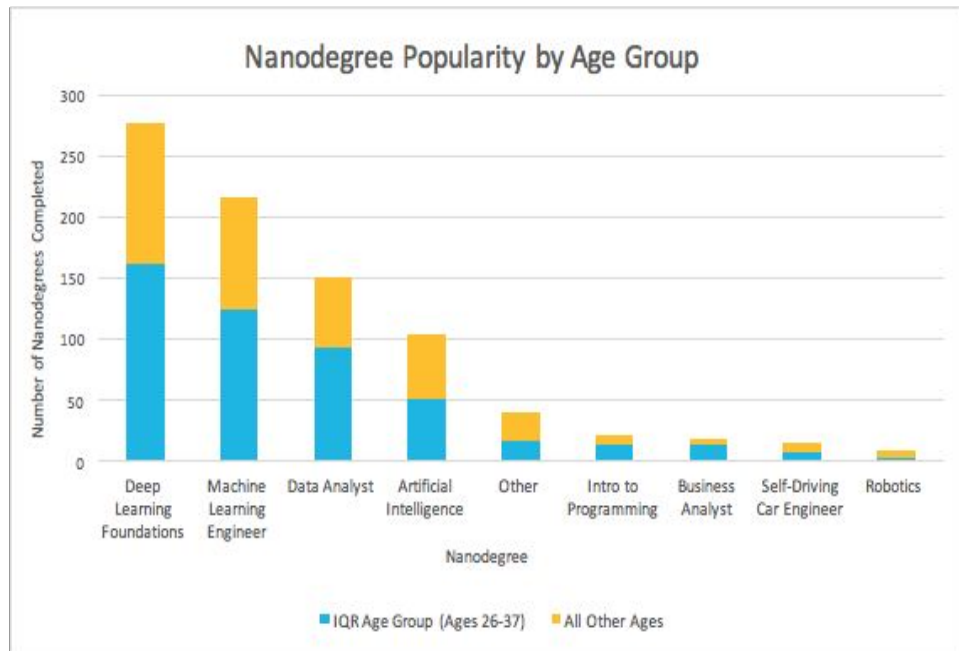


What age group should Udacity target?

Nanodegree (ND) students range between 18 and 78 years old, with a standard deviation of 8.4 years.

Students' ages are right-skewed, having a mean of 32, median of 31, and mode of 27. The interquartile range is 26-37. Based on this, Udacity should target the IQR age group for their ND programs.

Nanodegree Popularity by Age Group



Which Nanodegree (ND) is most popular with the interquartile range age group (ages 26-37)?

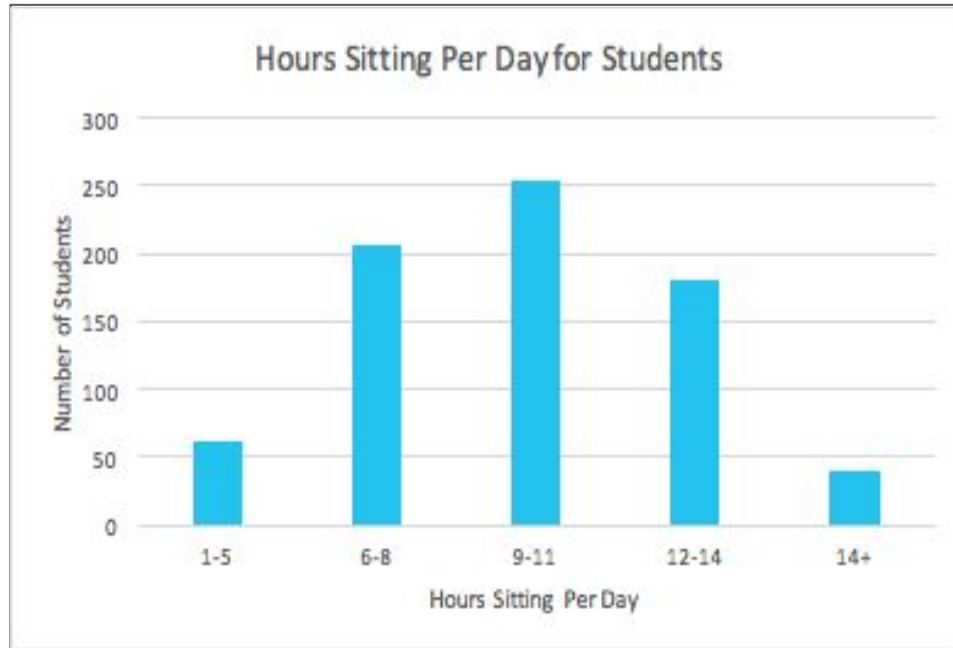
Deep Learning Foundations. The IQR age group comprises over half the average, at 58% of all 278 students in this ND.

Which ND is least popular with the interquartile range age group?

Robotics. The IQR age group comprises only 25% of this ND. Only 2 of this group's 411 students took this ND.

Aside from Robotics, the Business Analyst ND has the greatest disparity between the age groups, ranging from 13 students in the IQR age group to just 5 students from all other ages.

Time Spent Sitting



How much time do Udacity students spend sitting each day?

Hours sitting per day has a normal distribution: mean, median, and mode are all equal (10 hours).

Of the total 742 students who responded, hours of sitting per day ranged between 1 and 20. Following the empirical rule, about half of 1% of students fall greater than 3 standard deviations from the mean.

The standard deviation is 3 hours, therefore most students spend between 7 and 13 hours per day sitting. In relation to the mean, the standard deviation provides a wider snapshot of the number of hours students spend sitting each day.

Comparison of Time Spent on ND and Sleep

