

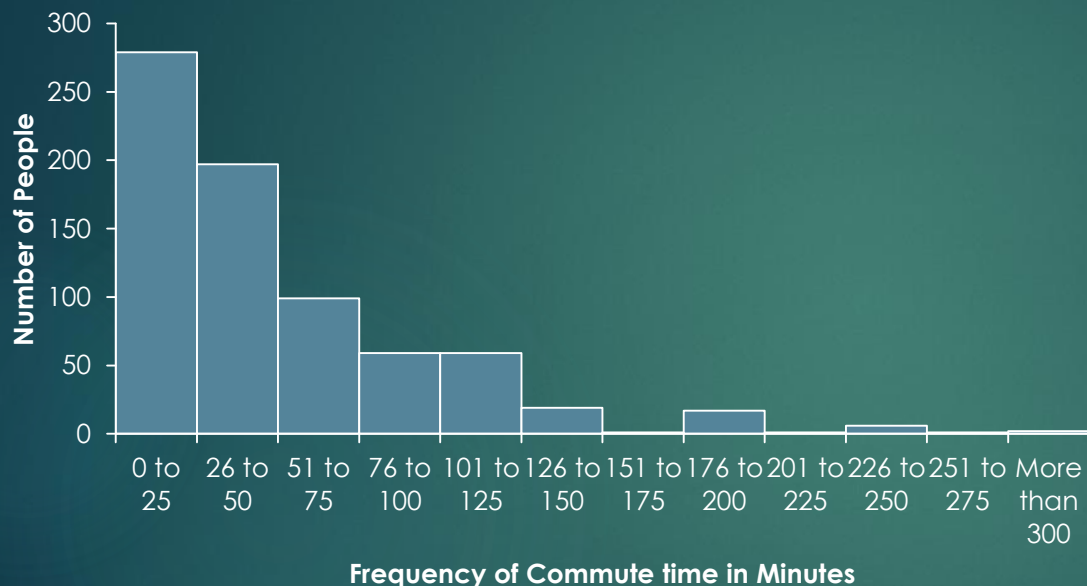


# Project Analyze Survey Data

THE DATA IS FROM IS FROM SURVEY RESPONDENTS AND NOT FROM THE  
ENTIRE UDACITY STUDENT POPULATION

# Average Commute Time in Minutes

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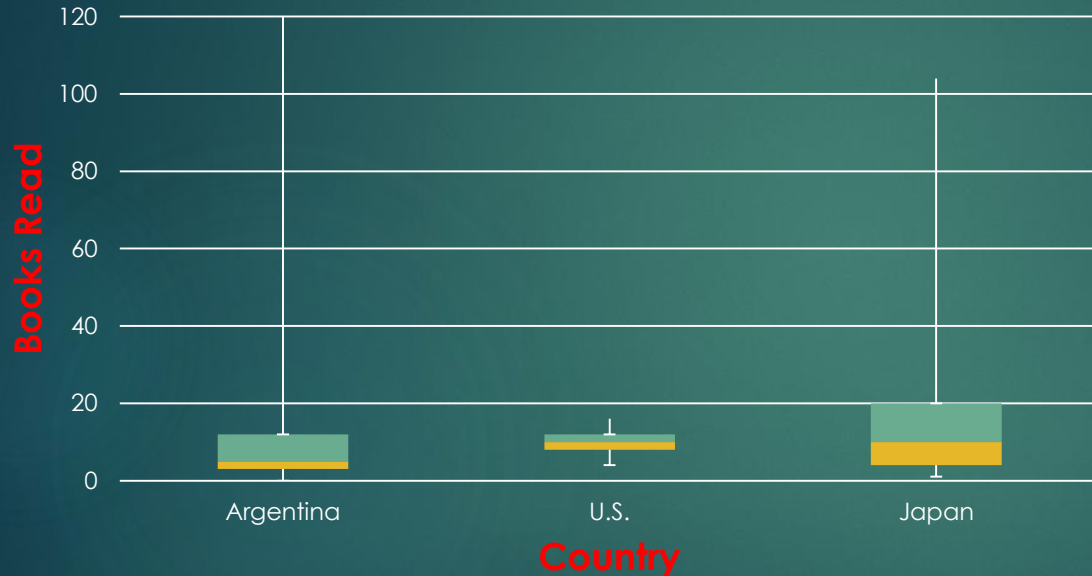
Here we have a histogram of survey respondents commute time in minutes.

The chart shows to be right skewed from our analysis. This shows that very few people travel a great distance for their commute time. The average commute time we show from our survey respondents would be about 48.70 minutes. Our center of measure would be about 150 minutes of commute time. We can also gather there is no common amount of minutes found for commute from our survey respondents.

Our insight shows a range of 0 to 25 minutes in commute time up until 300 minutes. Our insight shows standard deviation to be 50.78 minutes from our analysis. Form this conclusion we can gather our data has a lot of fluncation for commute time in minutes from our survey respondents.

# How many books read per year by each country

Books Read Per Year By Country



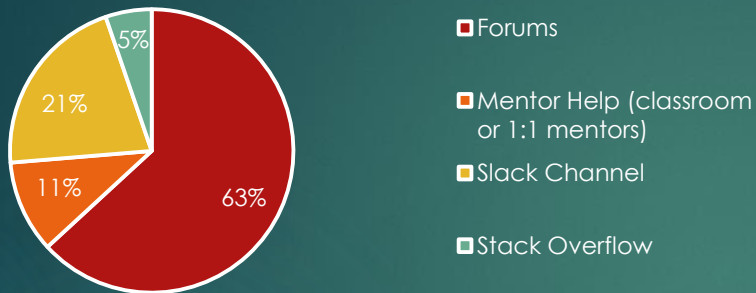
Here we have a box plot of amount of books read per year by each country.

Our insight shows the average amount of books read per year by Argentina at 9.87 is just slightly less than our average from U.S. survey respondents at 10.26 books read per year. 10 books read per year would be a center of measure best used when viewing books read per year by U.S. and Japan. The center of measure for Argentina shows to be 5 which we can conclude both U.S. and Japan range is about 5 books more read than Argentina. The most common amount of books read in Japan shows to be 20.

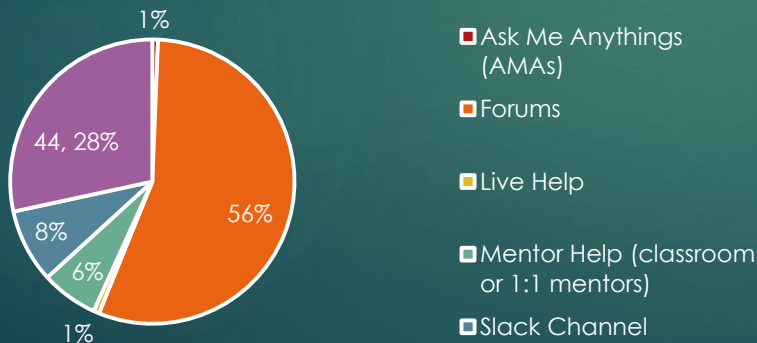
More insight shows Argentina has a lot of fluctuation being the standard deviation of 15.17 is more than the average.

# Best Help For Your Nanodegree

## Business Analyst Preference for Help



## Data Analyst Preference for Help

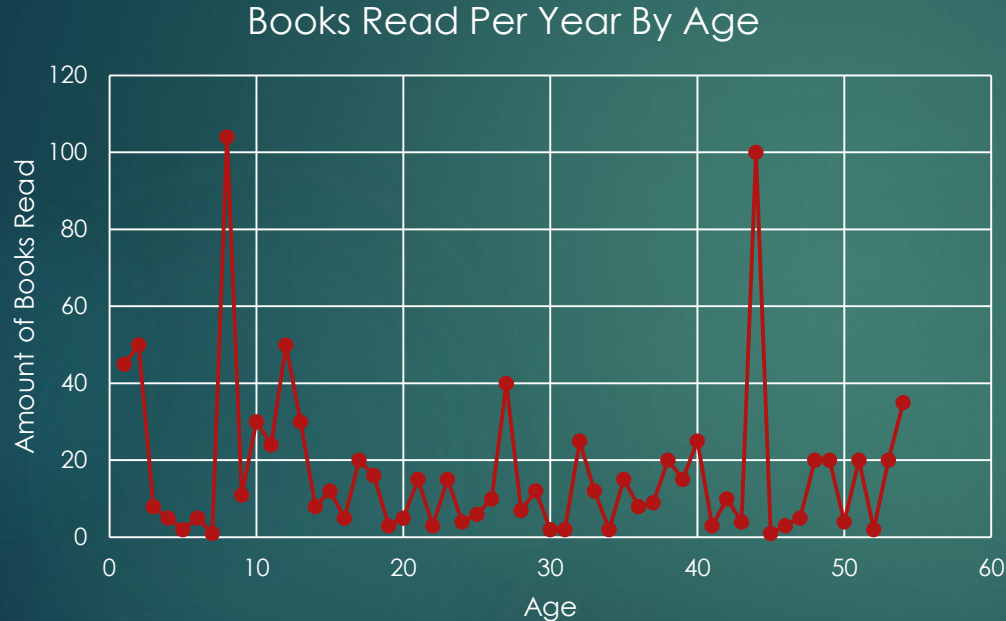


Here we have two pie charts for preferred method of assistance from Udacity students taking up Data Analyst & Business Analyst courses

From our data we can show Forums is the most popular for both Data Analyst and Business Analyst students at around 98. This is an average of 56% of students prefer Forums when they are stuck with their Udacity course.

Forums count in our Data Analyst pie chart looks to be the outlier with more than half the students prefer Forums help over any other source.

# Average Number of Books Read Per Year Based on Age



Here is a Line chart showing the amount of books read based on your age per year.

The most common age we surveyed from our data shows to be age 32. The average of the amount of books read per year shows to be around 17 when round to the nearest whole number. The we show to be around 41.5 years of age. The average amount of books read between ages 21-43 shows to be 15 books per year. The average amount of books read between ages 44-65 shows to be 33 books per year. From our insight the range almost doubles for books read on average for ages 44 to 65 years of age.

Our standard deviation for ages 44 to 65 shows to be 33 which doesn't show much fluctuation but our insight shows the age 45 to be an outlier as books read seem to be much higher than usual at this age.