

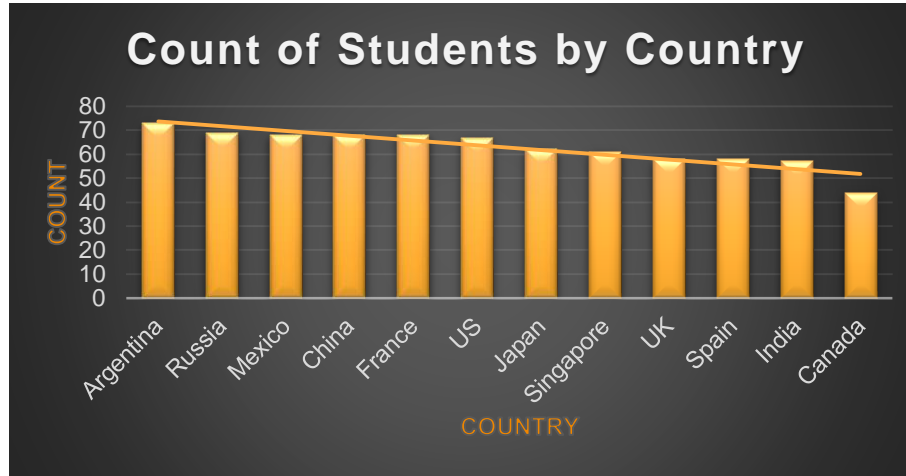
Analyze Survey Data

Here I have analyzed 2 categorial and 2 Quantitative Data's .

Note: The data is from the survey respondents and not from the entire Udacity student population.

What Countries to the UDACITY Students live in?

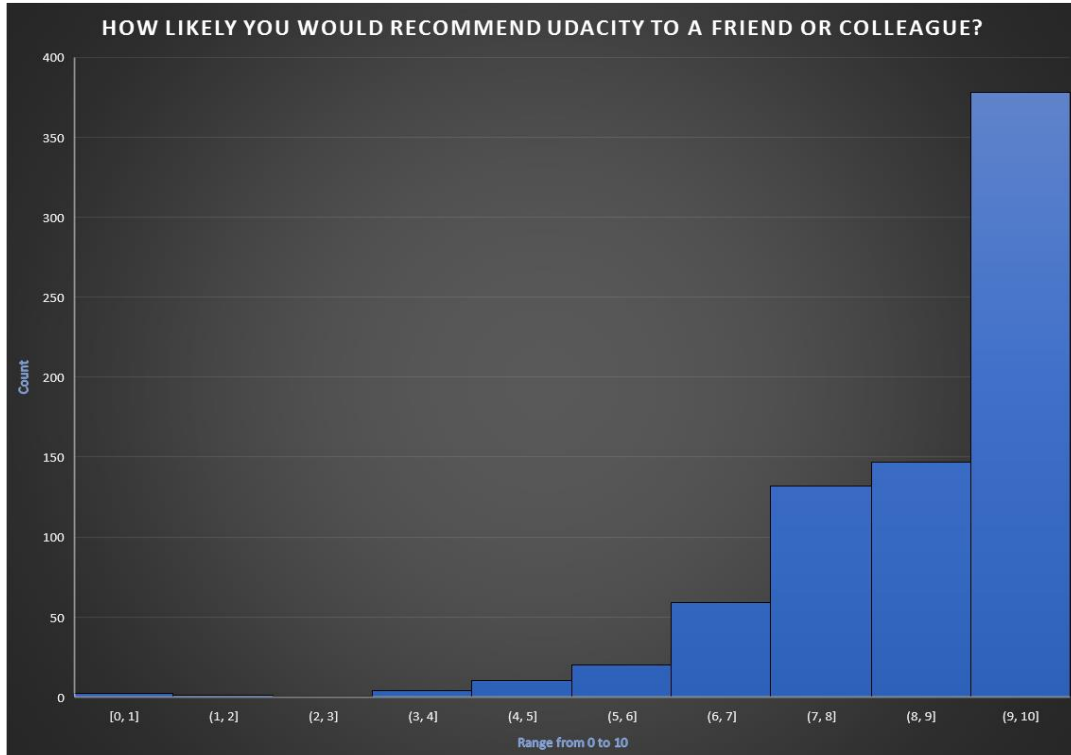
Country	Students
Argentina	73
Russia	69
Mexico	68
China	68
France	68
US	67
Japan	62
Singapore	61
UK	58
Spain	58
India	57
Canada	44



Here is the Clustered Chart for categorical variables to display the count of students from different part of the country.

In this we have more students from Argentina and less from Canada and you can see Mexico, China and France has equal number of students.

How Likely You Would Recommend UDACITY?



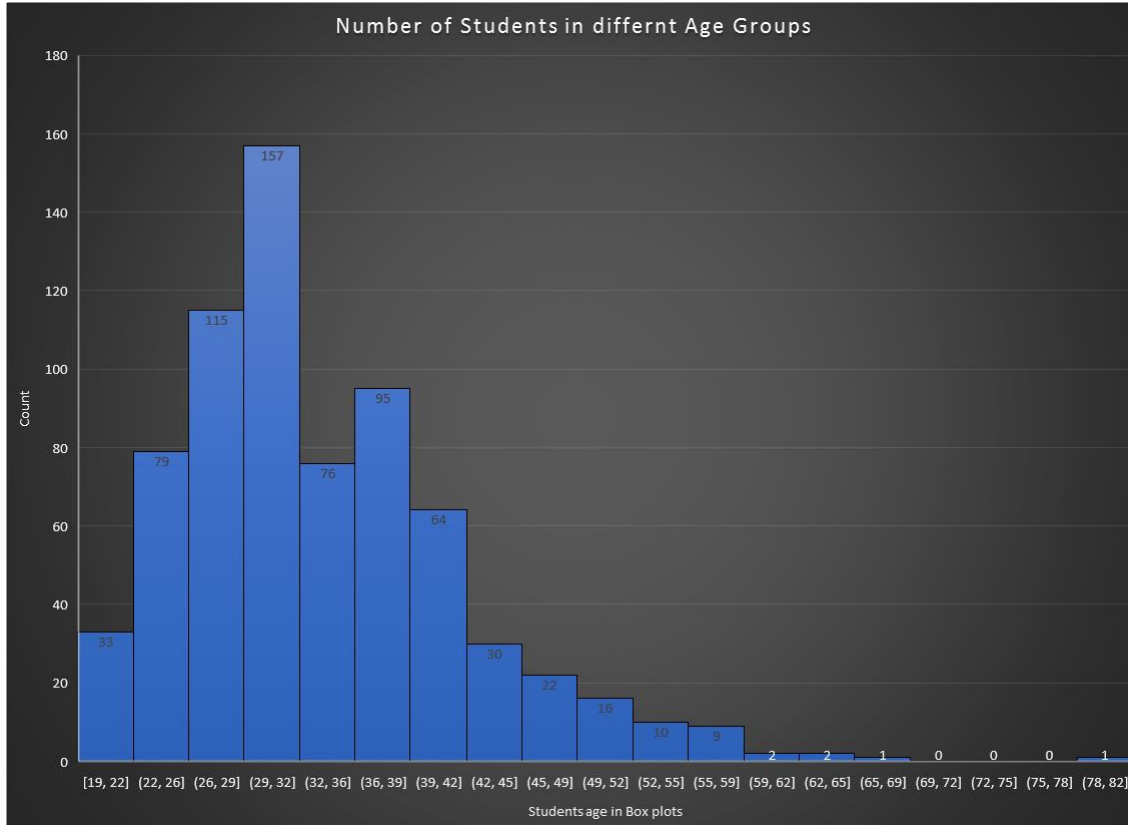
Here is the histogram for the recommendation to friends or colleagues.

This is Left Skewed distribution. Here Mode and Median both are 10 so that the most of the students were shows interest in recommending Udacity and the mean value is 8 which is less than median but it doesn't have big difference.

By this our students were willing to recommend UDACITY, Which in proves the course helped them to grow in their carrier.

Mean of recommendaton	8
Median of recommendation	10
Mode of recommendation	10

Number Of Students in Different Age Groups



This Histogram displays the number of students in different Age groups.

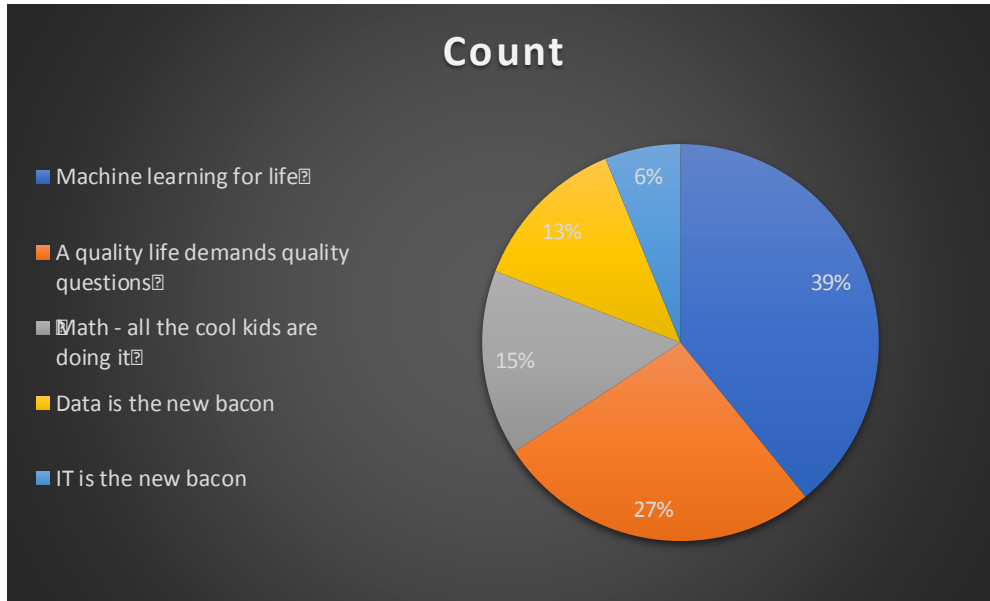
Here the Standard Deviation is 8.38 which is far from Mean which is 33 by this we can say the data is spread or disperse.

Range of age group is 60 and in this students from age group 29 to 32 are high as per the survey respondents.

Range of years	60
Mean of age_years	33
Median of age_years	32
mode of age_years	28
Standard Deviation of age_years	8.38

Slogan / Tagline appeals to you most

slogan / Tagline	Count
Machine learning for life?	184
A quality life demands quality questions?	125
Math - all the cool kids are doing it?	71
Data is the new bacon	61
IT is the new bacon	29



This Pie chart displays the count of the slogans/Tagline choose by students.

In this “Machine Learning for Life” is the most frequently choose Slogan