Which Nanodegree Was Most Undertaken?

Most Undertaken Nanodegree

- Intro To Programming
- Business Analyst
- Data Analyst
- Machine Learning Engineer
- Artificial Intelligence
- Deep Learning Foundations
- Self Driving Cars
- none
- other
- Robotics
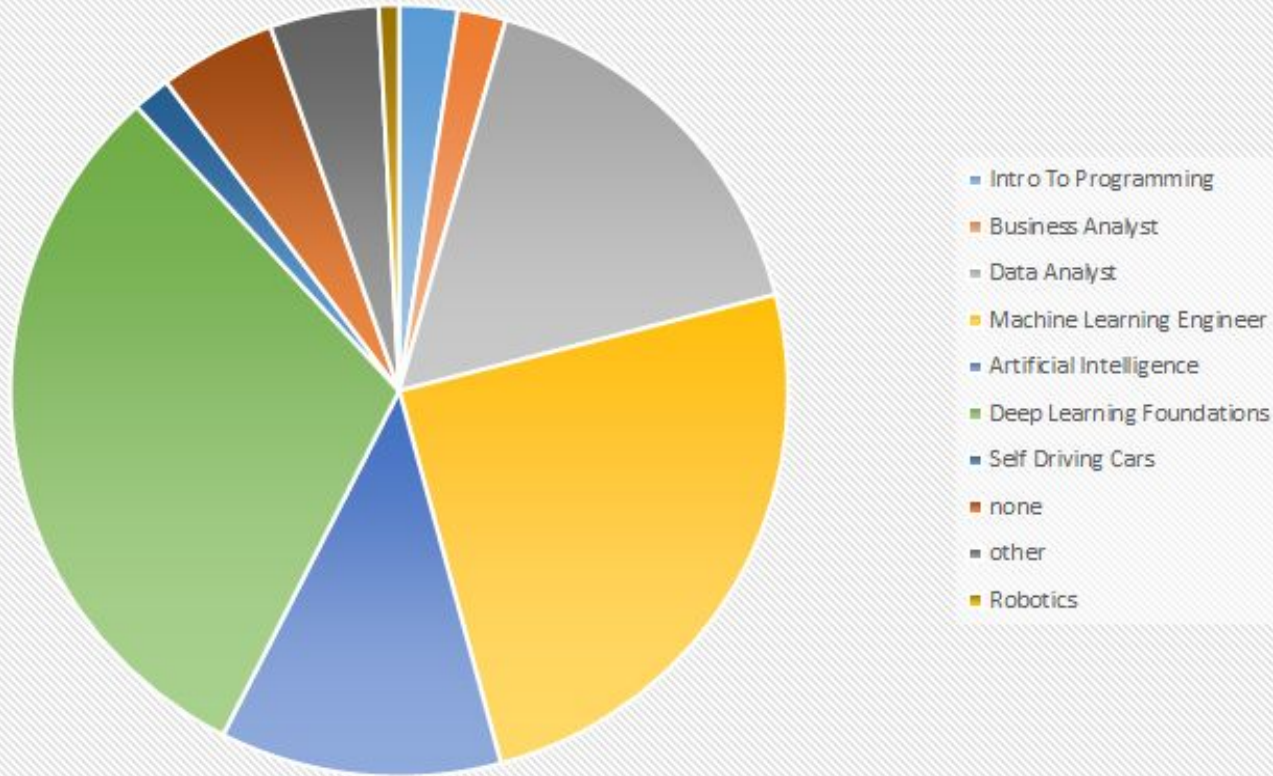
According to the pie chart drawn by taking the count of records for each Nanodegree, it is found that **Deep Learning Foundations Nanodegree is most Undertaken** in the given data set.

Data Cleaning Done:

Use COUNTA function to calculate number of records in each column for all nanodegrees and plot this pie chart

# What Was More Helpful- Slack Or Stack Overflow?
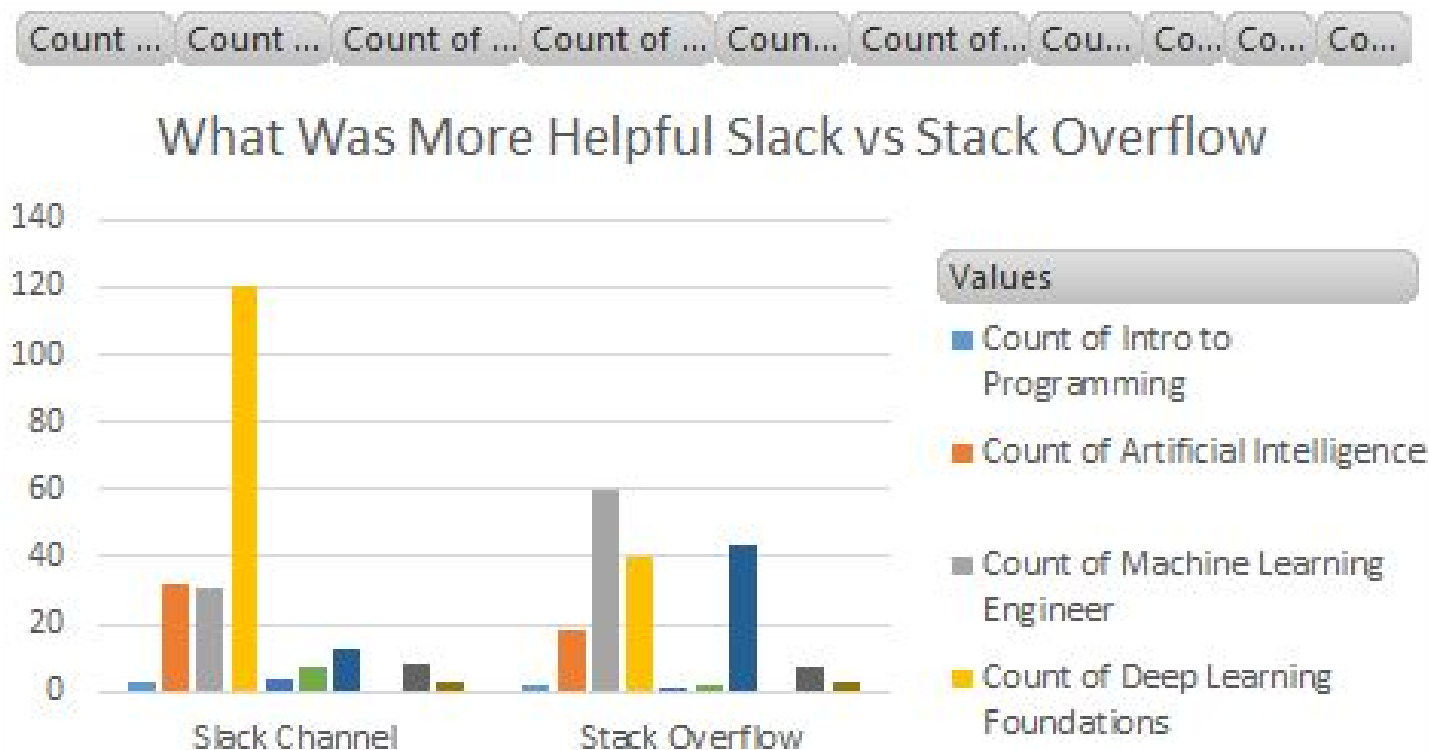
According to the number of records, Deep Learning Foundations students prefer Slack over Stack Overflow, whereas Data Analyst students prefer Stack Overflow to be more helpful.

Data Cleaning Done:

Filter the data to include only Slack channel and Stack Overflow channel. Then use COUNTA to calculate records in each column and plot this graph.
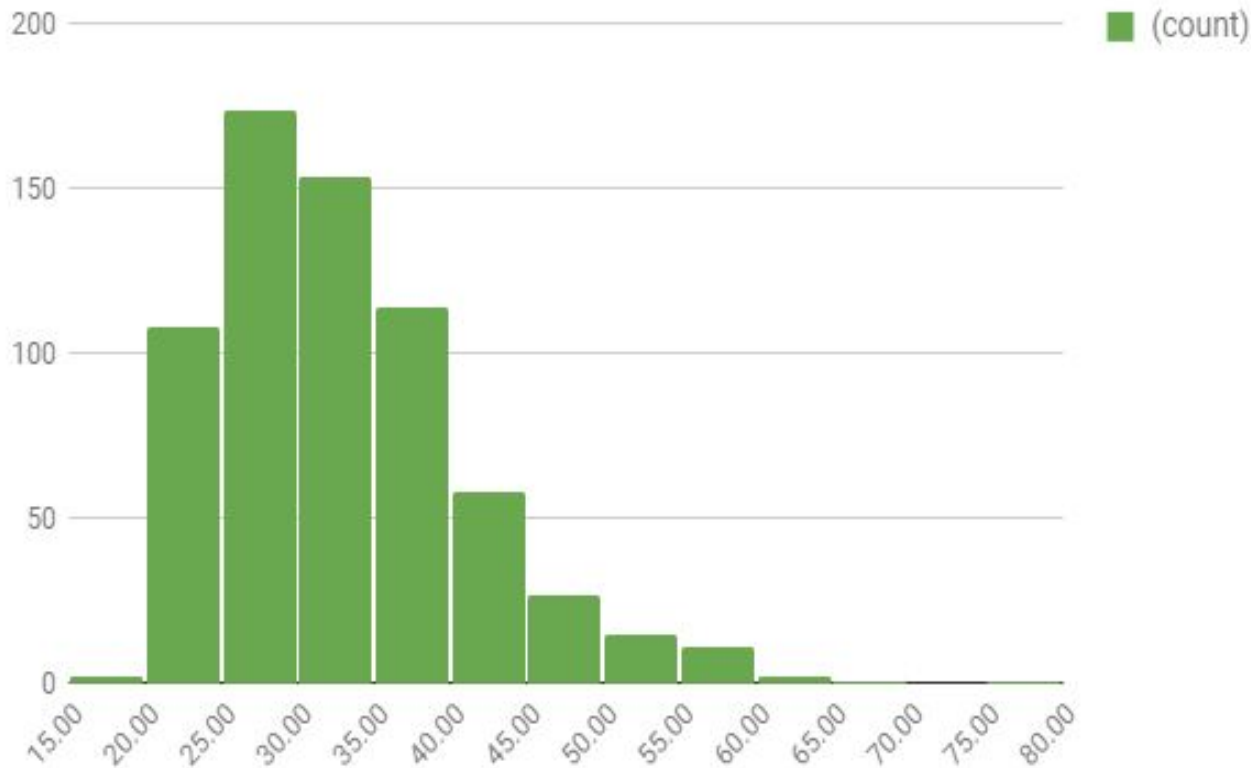
Which Is the Most Popular Udacity Swag Item?

Most Popular Udacity Swag
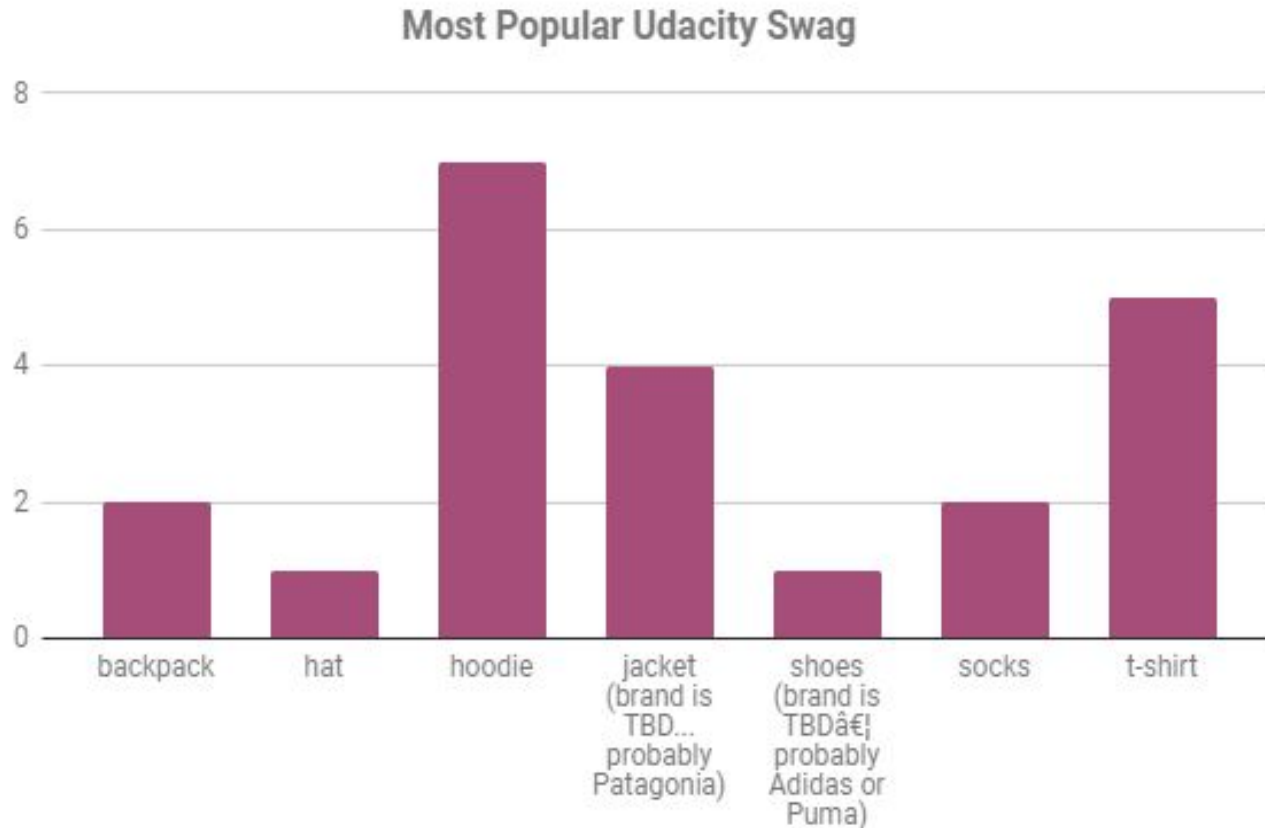
According to the number of records, **Hoodie** is the most popular swag item, followed by Tshirt.

What Is The Age Trend Among All Nanodegree Takers?
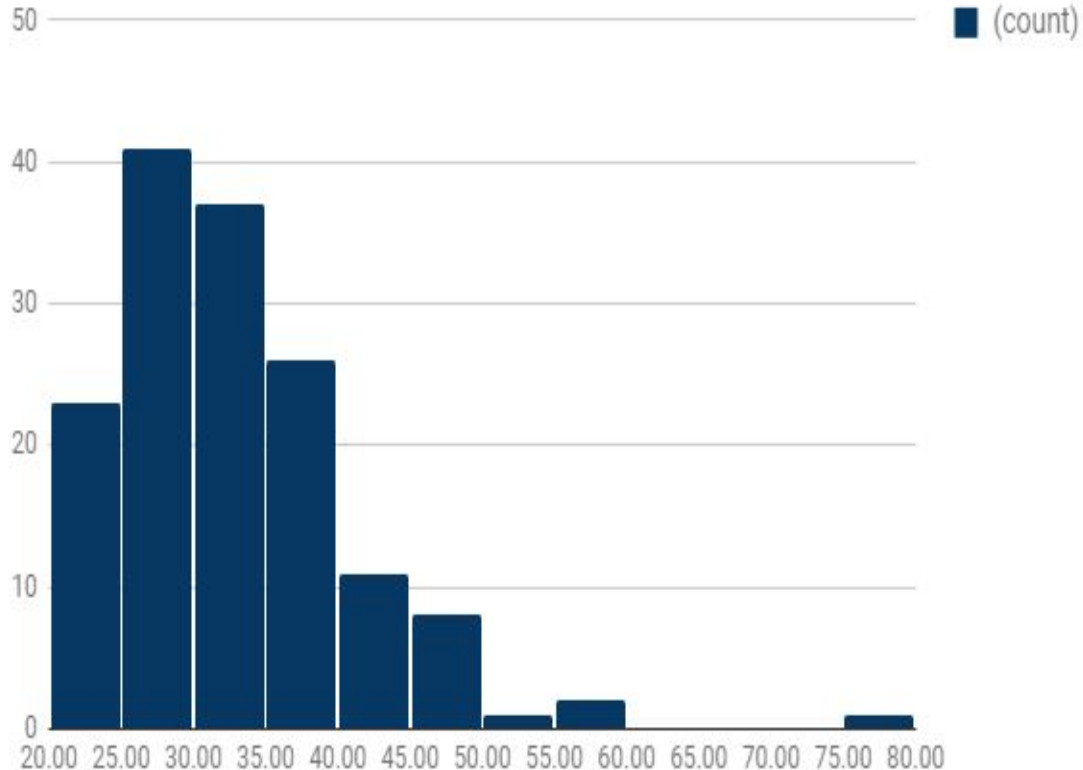

Age Trends among Nanodegree Takers

(count)

It is observed that maximum nanodegree takers are of age 25 to 30 years. **The mean of data collected is 32.86, median is 31.145 and mode is 22.34.** The graph is right skewed.The standard deviation is 8.457385826 which indicates the spread of data from mean using a normal distribution curve.The range is 59.21, indicating that nanodegrees are taken by varied age groups of people.

Data Cleaning Done:

Calculate the age for all given DOBs by simply subtracting from current date and dividing by 365. Then plot this Histogram. (In Google Sheets).Also removed the outlier values

What Is The Age Trend Among Data Analyst Nanodegree Students

Age Groups Of Data Analytics Nandegree Students

Maximum Data Analyst Nanodegree students belong to age group of 25 to 30 as shown by this histogram. The standard deviation is 8.481454111 and range is 57.013. As observed the data does not deviate much from the mean which is 32.67.

Data Cleaning Done: Filter the entire data set on the Data Analytics Nanodegree column such that it doesnot contain blank spaces. Then plot the ages (as calculated for previous slide) using Histogram. Here also outliers are removed.