

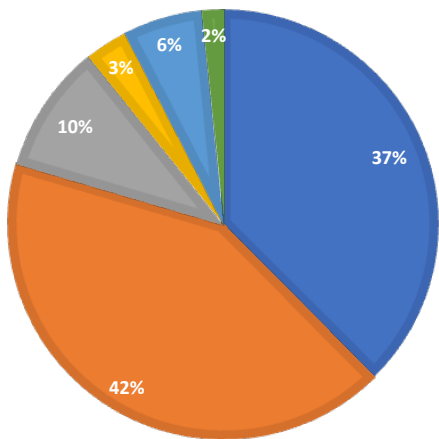
Analyze Survey Data

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what the most highest degree earned?

LEVEL OF EDUCATION

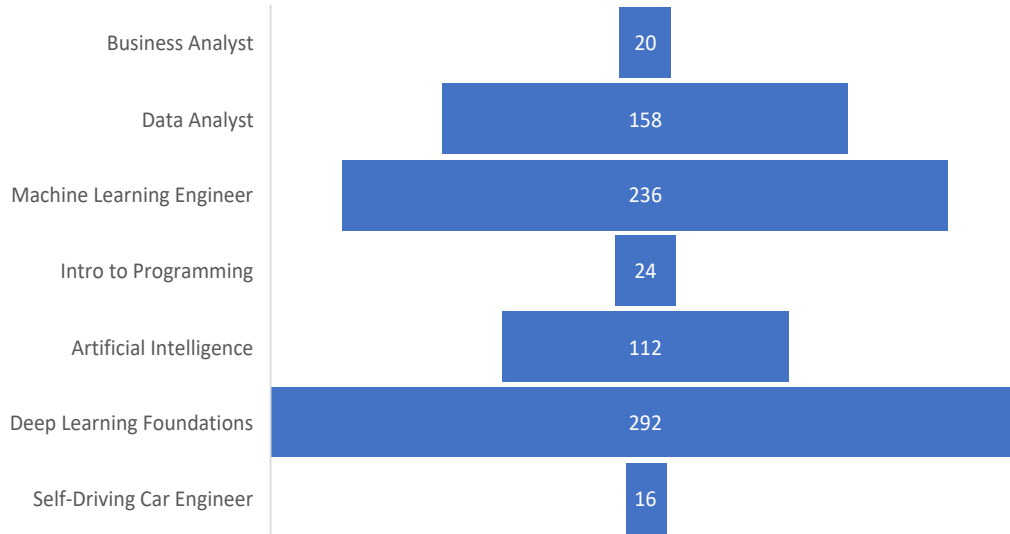
■ Bachelors ■ Masters ■ PhD ■ High school or below ■ Nanodegree Program ■ Associates



- according to the pie chart, the most highest degree earned is a Masters degree, accounting for 42% of all degrees earned.
- Other degrees earned:
- PhD: 10%
- Associates: 2%
- Bachelors: 37%
- Nanodegree program: 6%
- High school or below: 3%

what is the most common Nanodegree Program students of the survey are taking?

most Nnaodegee are taking



- according to the chart, the most ND taking is a Deep Learning Foundations, accounting for 292 of 754, Other nanodegree,
- Business analyst: 20
- Data Analyst: 158
- MLE: 236
- intro to programming: 24
- AI : 112
- Self-driving car engineer: 16

Average Study Hours time by Education

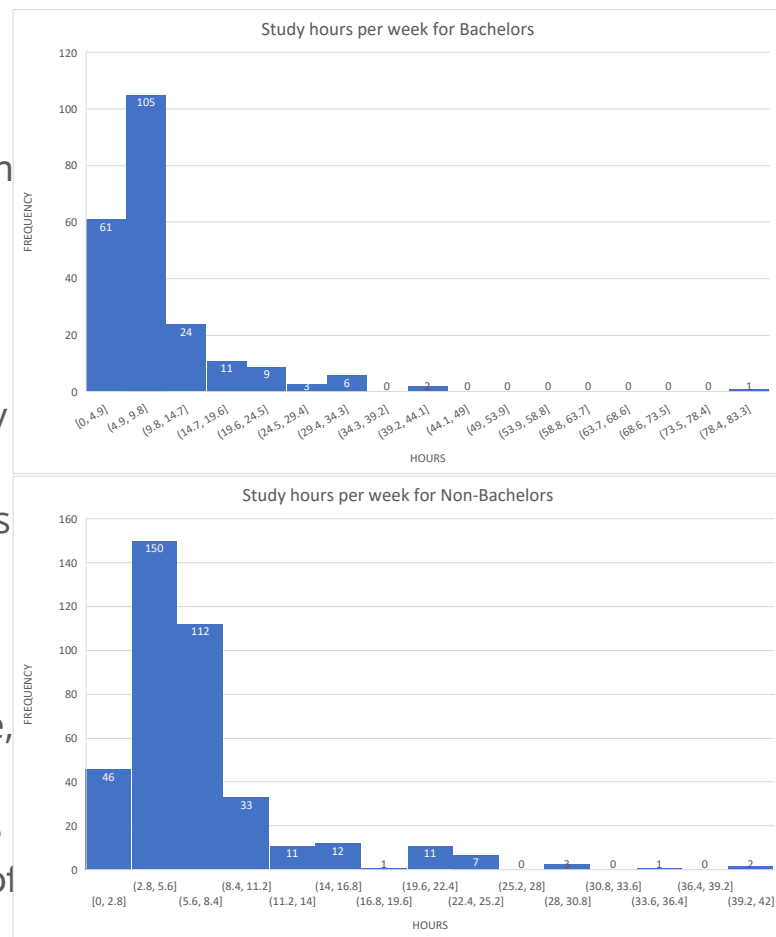
Here are Histograms for Bachelors vs Non-Bachelors by study hours.

Both distributions appear to be right-skewed. Therefore, the mean for each is higher then the median.

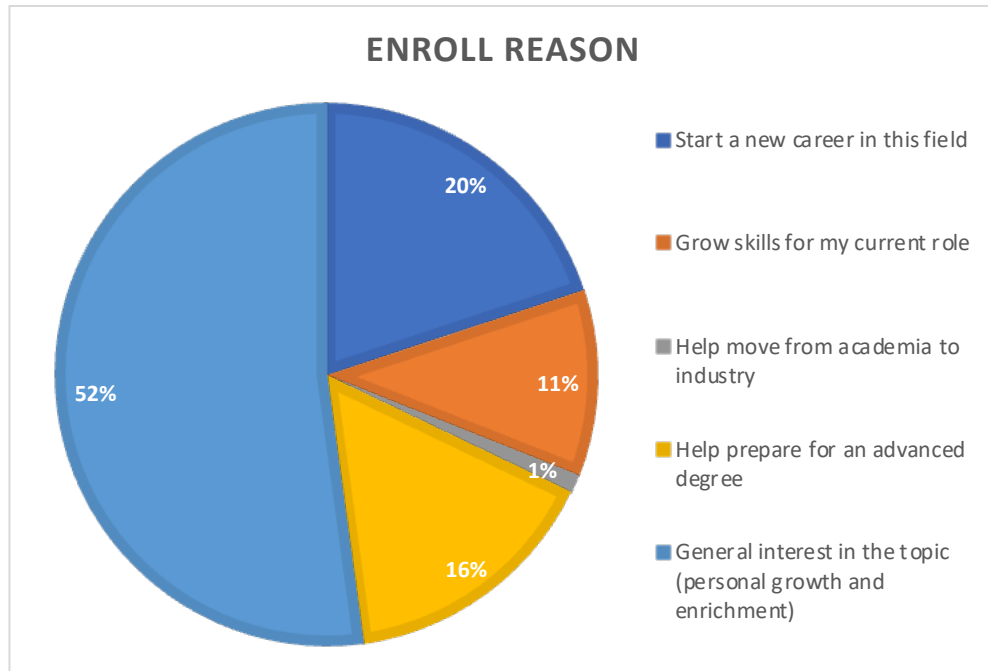
The mean for each group dose appear to be similar at 7.16 for Non-Bachelor study hours and 7.13 for bachelor study hours. Typically they do not appear to have a difference in average study hours.

The median for each group dose appear to be at 6, the mode is 6 and the range is 80 for each group.

However, the standard deviation for non- bachelor is approximately 6.97 and it is the same with bachelor study time, this means that the spread or variance in the number of study hours between the two groups is similar. In other words, students in each category tend to vary equally about the average number of hours of study.



what the most enroll reason to take ND?



- according to the pie chart, the most enrolled reason to take ND is to general interest in the topic, accounting for 52% of all reasons.
- Other reasons to take ND include:
 - Start a new career in this field (20%)
 - Help prepare for an advanced degree (16%)
 - Grow skills for my current role (11%)
 - Help move from academia to industry (1%)
- The pie chart shows that ND programs are popular among people who want to improve their skills and knowledge in their current field. This is likely because ND programs are shorter and more focused than traditional degree programs, making them a good option for busy professionals.
- Overall, the pie chart shows that ND programs are a popular option for people who want to improve their skills and knowledge, advance their careers, or start a new career.