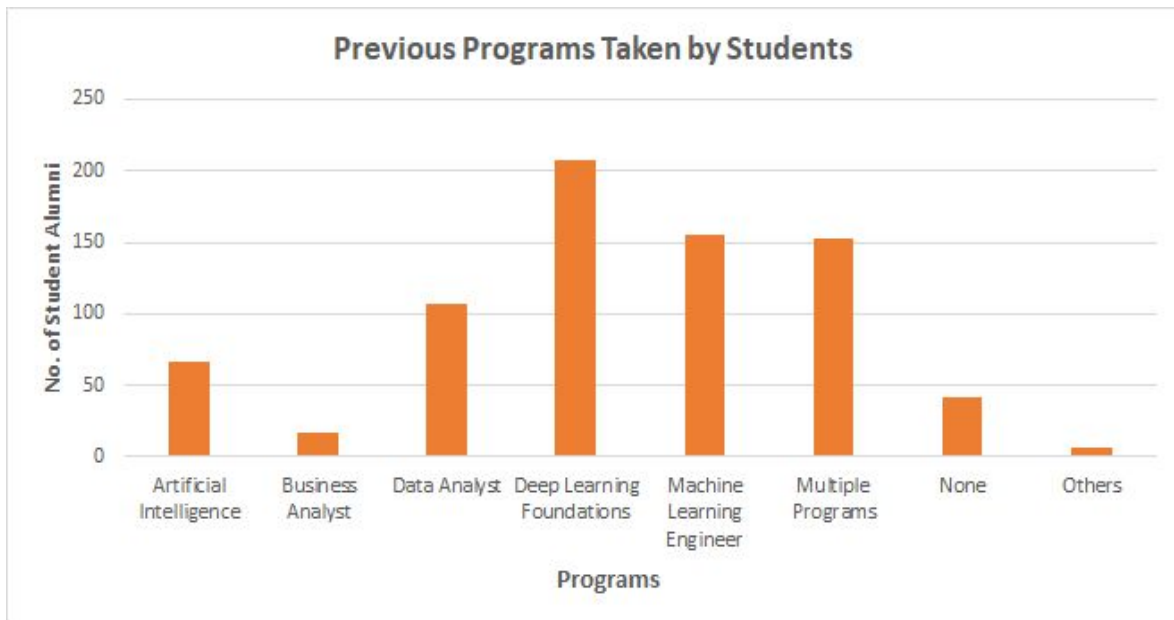


# Analysis of Survey data from Some Udacity Alumni Respondents

By

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# Do Udacity Alumni Come Back for More Nanodegrees After The First One?



Most of the Student respondents who have taken Nanodegree programs in the past take New Nanodegree programs, with Students who took Deep Learning Foundation as their first and previous program having the highest number. A significant number of Students have also taken multiple Programs in the past which may suggest that students are getting good value off the various programs

Previous Programs	Count of Students
Artificial Intelligence	66
Business Analyst	17
Data Analyst	107
Deep Learning Foundations	207
Machine Learning Engineer	155
Multiple Programs	152
None	42
Others	7

# Does the Employment Status of the Students Affect their weekly Commitment to their Various Programs?

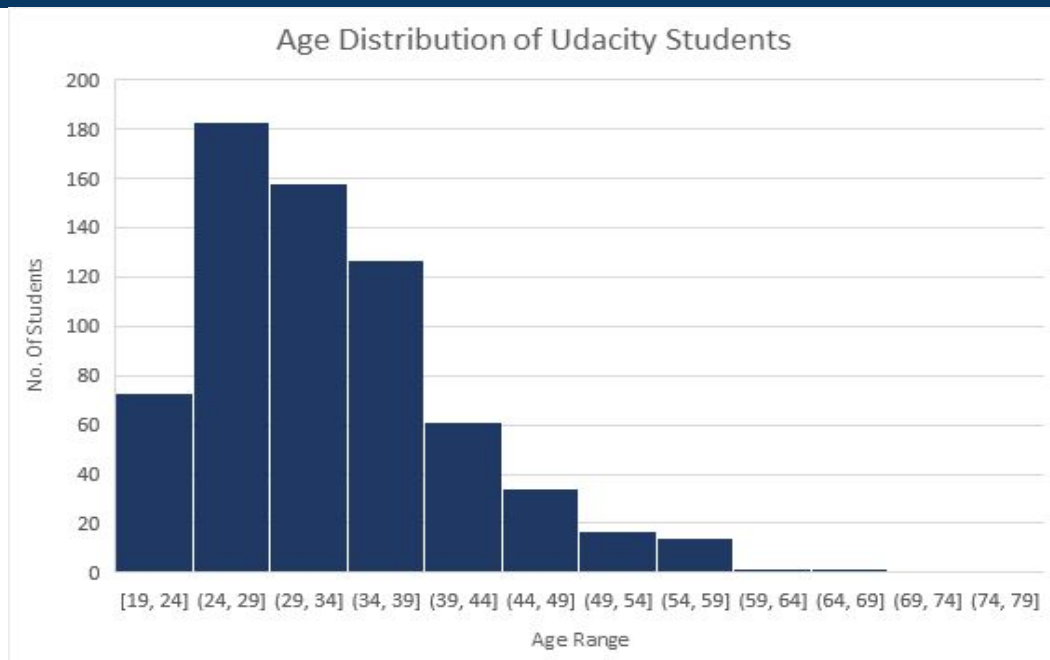
Average Hours Spent on the Course Weekly



There seems not to be much disparity in the commitments of the average hours put in by the employed and unemployed respondents weekly. There could be a possibility that the Udacity Curriculum is structured with a standard such that Student's commitment is inevitable.

Employed?	Average of Hours per week on Nanodegree
No	9
Yes	7

# What does the Age Distribution of Students tell us?



Mean	33
Median	36
Mode	29
Standard Deviation	8

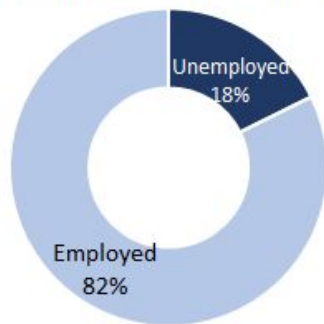
Looking at the Statistics, the median value of 36, not so much difference from the mean of 33 shows that about 50% of the respondents are of ages less than or equal to 36. The standard deviation being approximately 8 shows a considerable amount of spread of the data points from the mean. Maximum age values are between 25 to 39 years of Age. Young Professionals are usually the ones who fall in this category, meaning most respondents who have taken Udacity Programs may be young Professionals.

# How does the Busy Schedule of Students Affect Their Sleep?

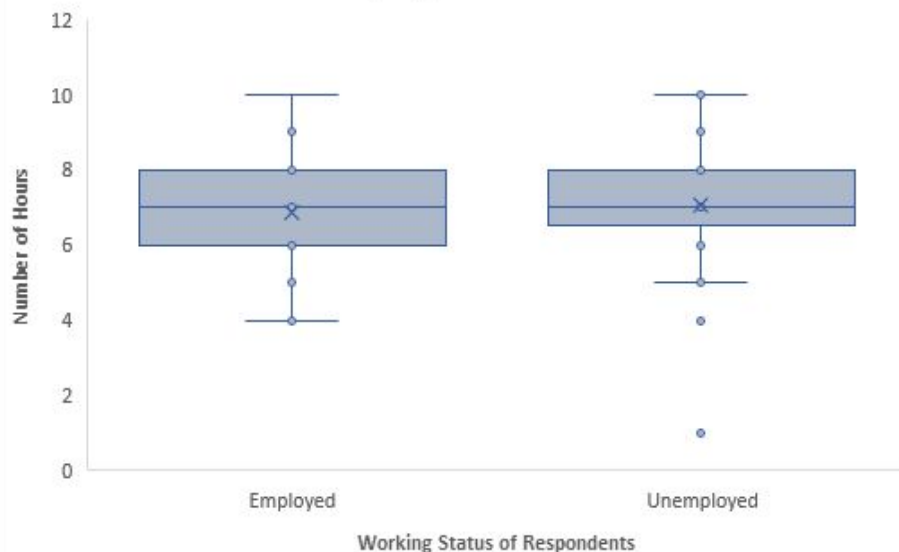
## Hours of Sleep Daily

	Employed	Unemployed
Min	4	1
Q1	6	7
Q2	7	7
Q3	8	8
Max	10	10

## Employment Status of Students



## Distribution of Sleep Hours Per Night Among Employed and Unemployed Students



Majority of the Survey respondents who had taken part in the Udacity Nanodegree Program happen to have been employed, hence, likely having tight schedules. However, the data shows that despite the supposed demand of the program and their jobs, they still get enough sleep with an IQR of 2 hours and an average of 7 hours not so much different from the Unemployed respondents.