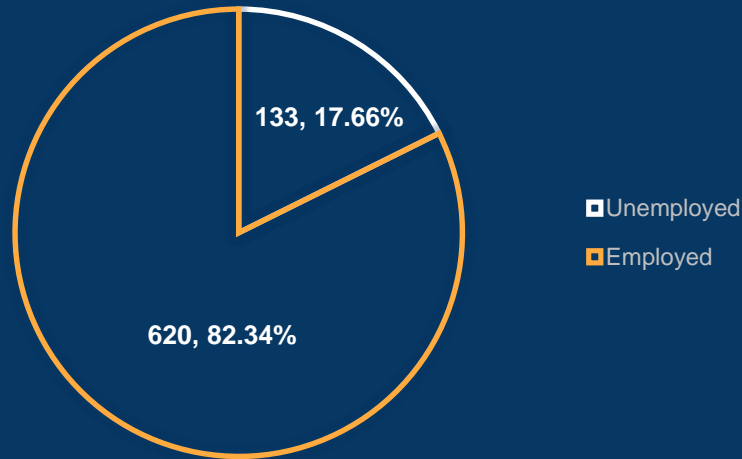# Analyze Survey Data Udacity DFND Project

Ebere Uzodufa

Employment Status of Respondents

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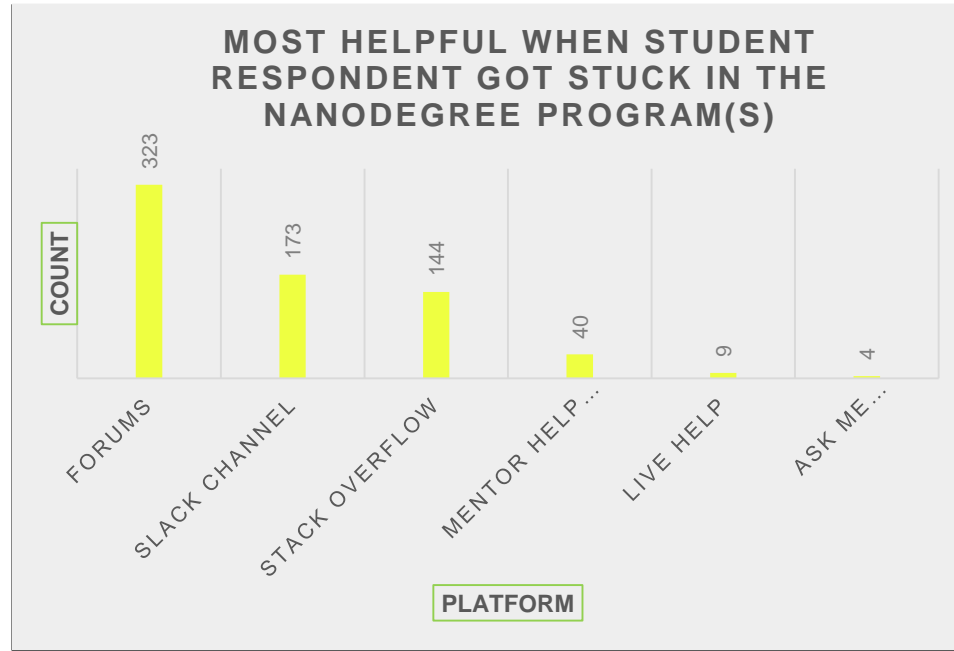

Employment Status	Count
Unemployed	133
Employed	620

From the data, 133 respondents (17.66%) are unemployed and 620 respondents (82.34%) are employed.
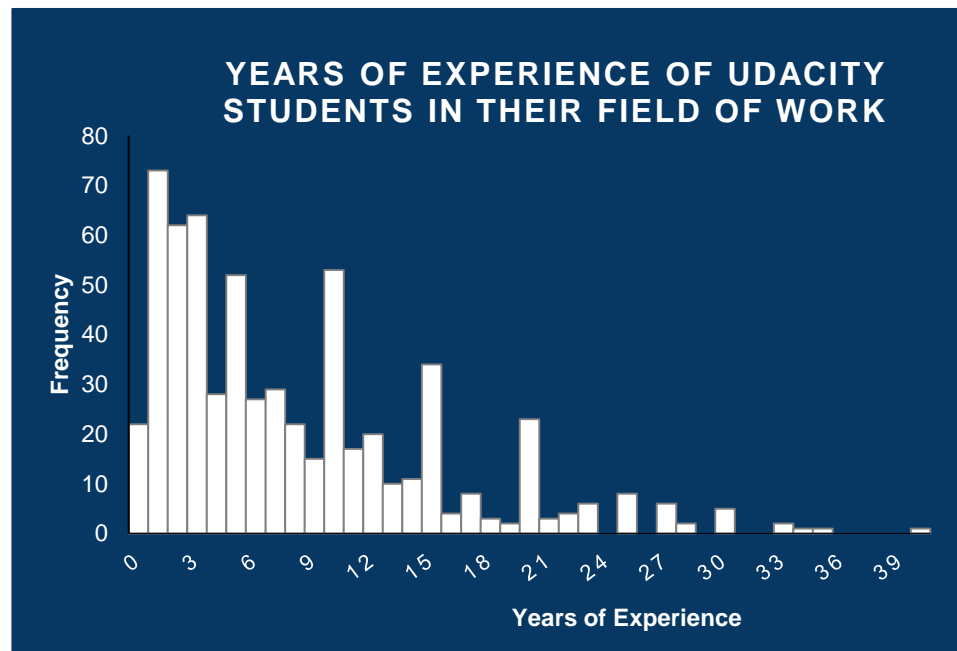
Hence respondents are employed.

Most helpful when Student respondent got stuck in the Nanodegree program(s)

MOST HELPFUL WHEN STUDENT RESPONDENT GOT STUCK IN THE NANODEGREE PROGRAM(S)

COUNT

323 — FORUMS
173 — SLACK CHANNEL
144 — STACK OVERFLOW
40 — MENTOR HELP...
9 — LIVE HELP
4 — ASK ME...

PLATFORM

From the chart and data, Students respondent found the forum 323(42.90%) to be most helpful when they are stuck. Slack channel, Stack Overflow, Mentor help, Live Help and Ask me anything has 173 (22.97%), 144 (19.12%), 40 (5.31%), 9 (1.20%), and 4 (0.53%) respectively.

Hence from the data, most respondents find the forum very helpful when they are stuck.

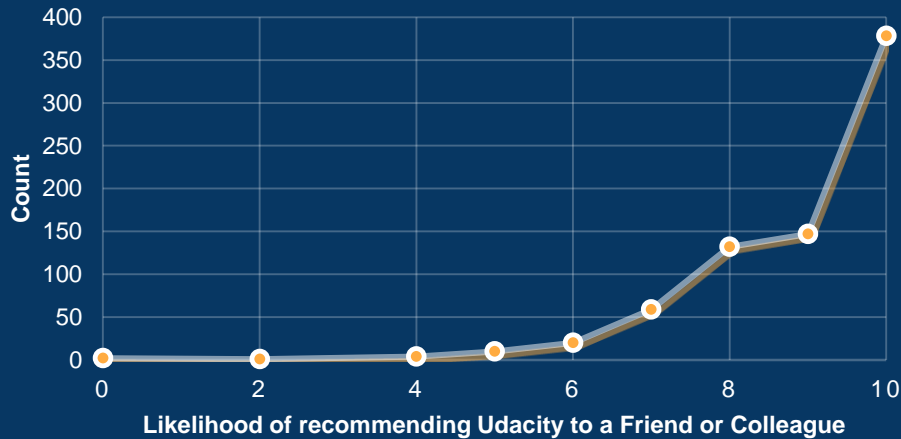# Years of Experience of Udacity Students in their field of work

From the survey data, the respondent data is right skewed and as such has it's mean (**8.05 years**) greater than it's median (**6 years**). The data also has The mode is **1 year** and the standard deviation is **3.118 years**. The range of data is **39 years** because the dataset is between **0 years** and **40 years**.

Hence from the data, the average years of experience of respondents in their field of work are 8 years. The standard deviation shows that most of the respondent have work experience that is a bit far from the average of 1 year. Most of the respondent taking Udacity Nanodegree has 1 year of experience.

Likelihood of student respondent recommend Udacity to a friend or colleague.

HOW LIKELY IS IT THAT YOU WOULD RECOMMEND UDACITY TO A FRIEND OR COLLEAGUE?

Count

Likelihood of recommending Udacity to a Friend or Colleague

Analyzing the survey data, I have that the recommendation of Udacity to a friend or colleague has a mean of **8.98**, mode of **10**, the standard deviation of **0.78** and a median of **9**. The data is left skewed for the mean is greater than the mean. The range of this data set is **10**.

Hence, from the data, the standard deviation shows that the data set is close to the mean. Also, most respondents will recommend Udacity to their friend or colleague.

References

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