

My 2nd Udacity Project (Data Analysis with Excel)

BY TAMUNOTONYE HARRY

WHAT IS THE MOST POPULAR COUNTRY TO PURCHASING SWAGS

THIS DATA PRESENTED HERE SHOWS THE NUMBER OF SWAGS BOUGHT BY UDACITY STUDENTS FROM DIFFERENT COUNTRIES

THE VISUALIZED DATA SHOWS A UNIFORM DISTRIBUTION

US AT 10.3% AT 43 IS THE MOST POPULAR COUNTRY PURCHASING SWAGS FOLLOWED BY MEXICO AND RUSSIA AT 9.57% AT 40. ARGENTINA, CHINA, FRANCE, INDIA, JAPAN, SINGAPORE, SPAIN AND UK RANGE BETWEEN 7 – 8%. CANADA IS LEAST POPULAR COUNTRY PURCHASING SWAGS WITH 4.78% AT 20 SWAGS PURCHASED.

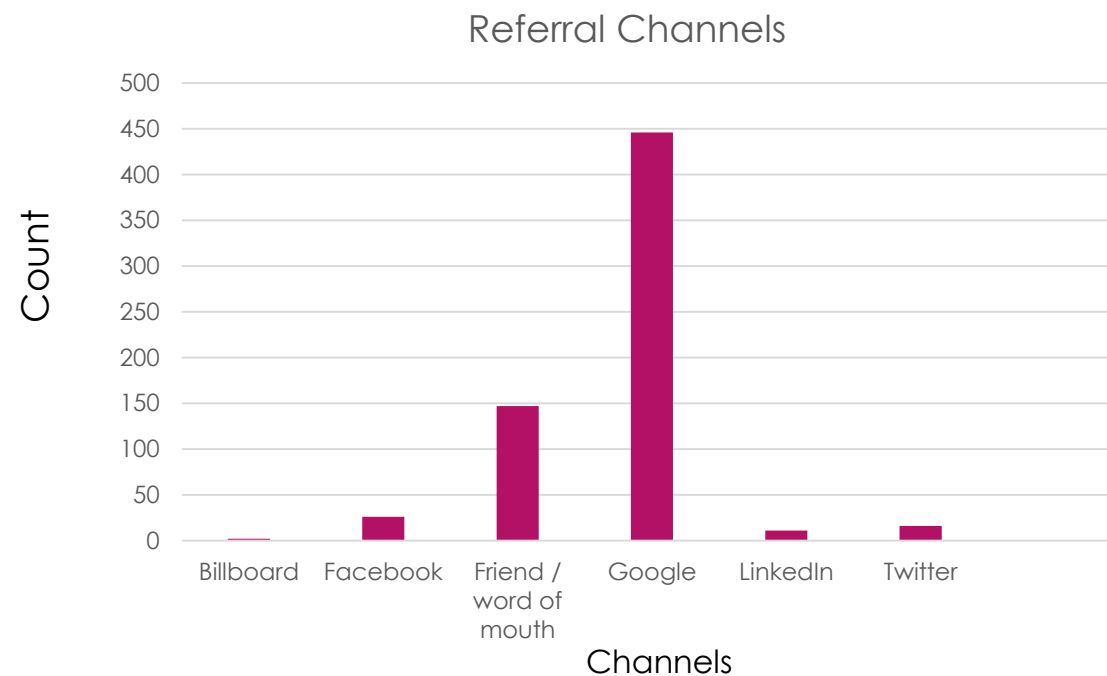
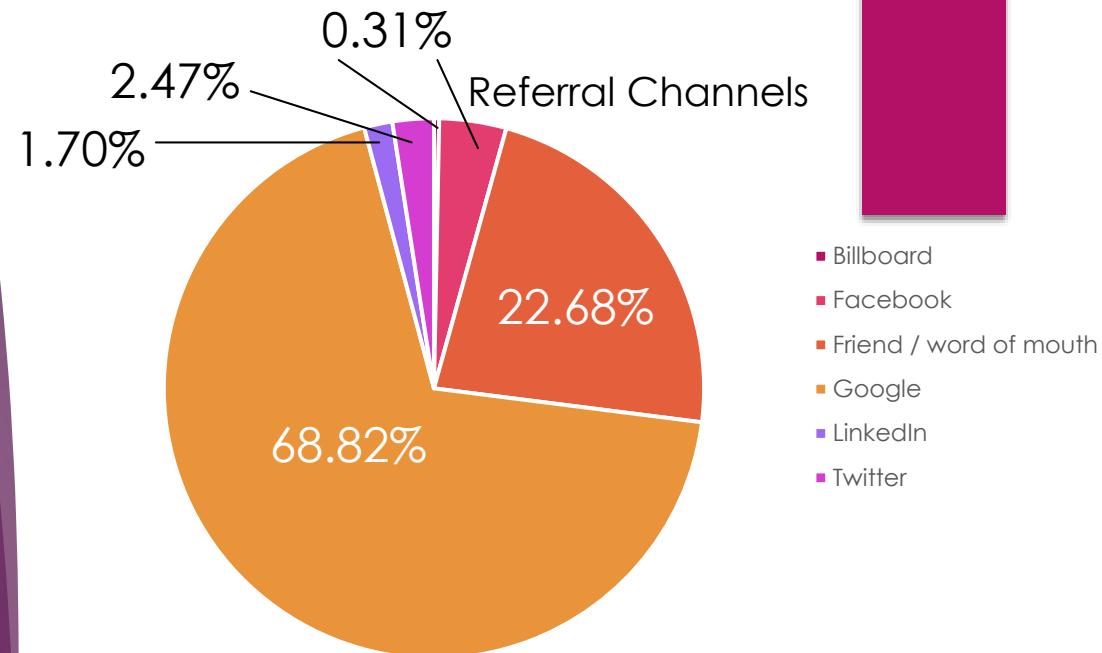


Referral Channels

THE VISUALIZED DATA SHOWS THE CHANNELS WHERE UDACITY STUDENTS LEARNED ABOUT UDACITY/THE COURSE THEY TOOK.

68.82% GOT REFERRED BY GOOGLE, FRIENDS/WORD OF MOUTH 22.68%, FACEBOOK 4.01%, 2.47% RESPONDENTS WERE REFERRED FROM TWITTER, 1.70% WERE REFERRED FROM LINKED AND A VERY LOW PERCENTAGE OF PEOPLE WERE REFERRED THROUGH BILLBOARDS 0.31%.

FROM THE BAR CHART, 446 STUDENTS WERE REFERRED THROUGH GOOGLE AND 147 BY FRIEND/WORD OF MOUTH. FROM THIS VISUALIZATION IT SEEMS A BILLBOARD WILL BE A BAD IDEA FOR ADVERTISING AND REFERRING PEOPLE.



Most Helpful Learning Channel

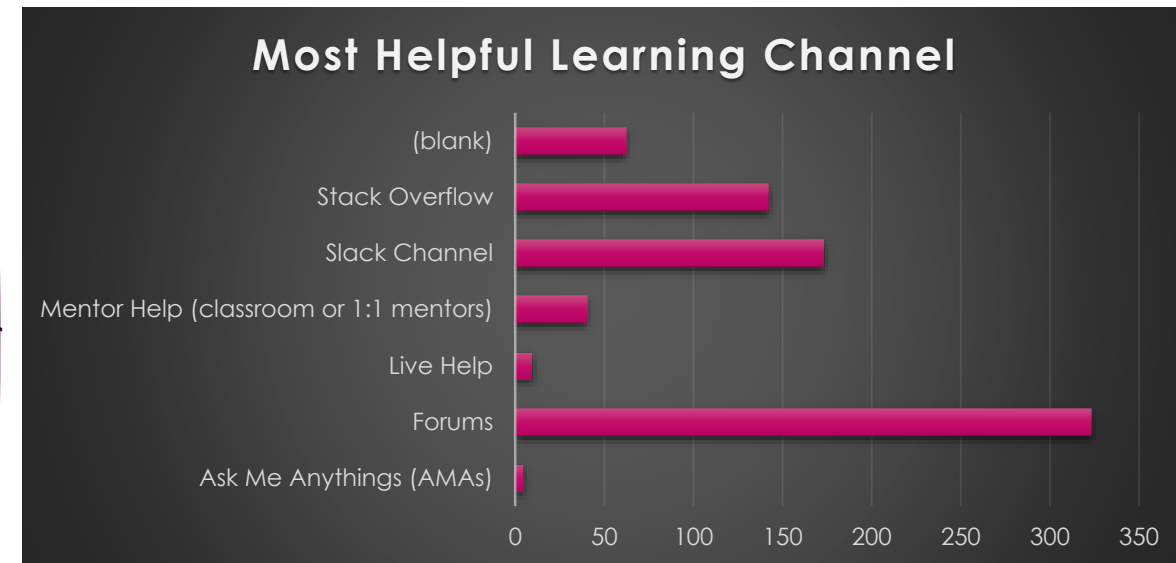
THIS DATA TELLS WHICH UDACITY CHANNEL WAS MORE HELPFUL FOR STUDENTS IN EACH NANODEGREE.

VISUALIZING THIS DATA HELPS UDACITY OR THE INTERVIEWER CREATE A BETTER STRATEGY IN HELPING STUDENTS OR SCRAPPING OUT A CHANNEL THAT'S LESS EFFECTIVE.

RESPONDENTS PREFERRED USING THE UDACITY FORUM TO LEARN INDICATED AS 42.90% NEXT TO SLACK CHANNEL 22.97%. 18.86% STACK OVERFLOW, 5.31% MENTOR HELP, 1.20 INDICATED THAT LIVE HELP WORKED BEST FOR THEM AND 8.23% LEFT THE QUESTION UNANSWERED (BLANK).

A VERY LOW PERCENTAGE OF RESPONDENTS THOUGHT ASK ME ANYTHING (AMA) WAS HELPFUL FOR THEIR LEARNING EXPERIENCE AT 0.53%.

Udacity Channel



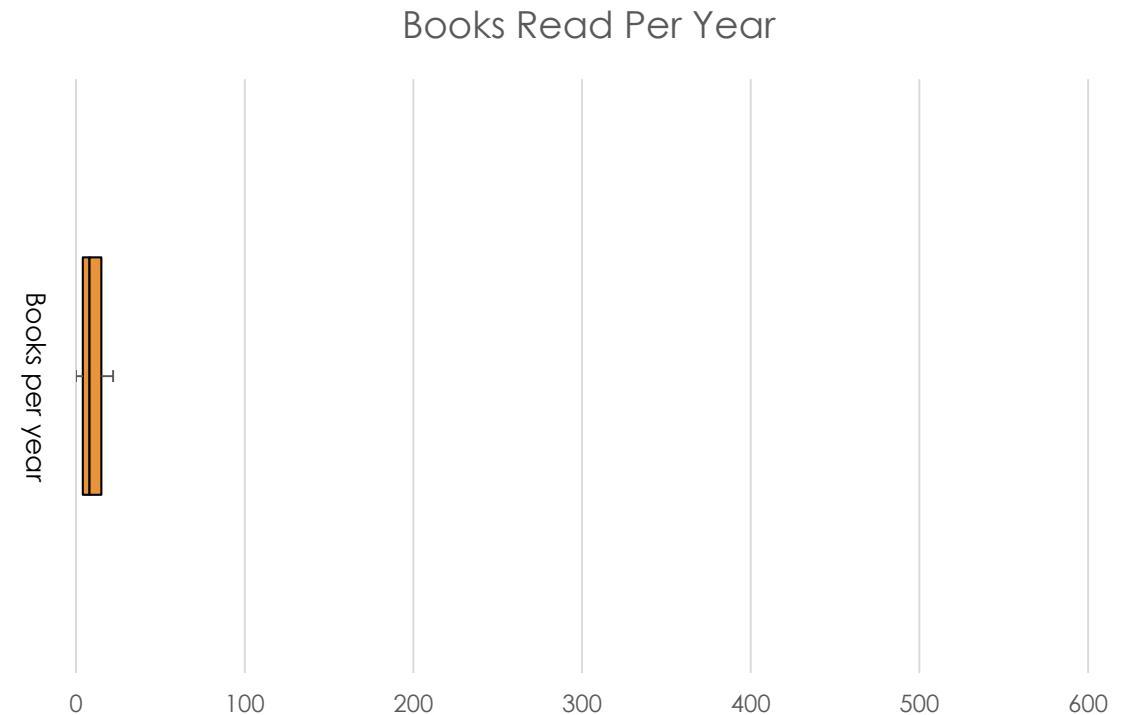
Count

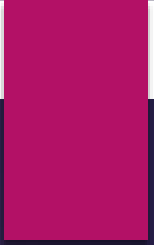
Books Read Per Year

ARE THE RESPONDENTS AVID READERS? FROM THE VISUALIZATION WE CAN'T TELL IF THE RESPONDENTS ARE ENTHUSIASTIC READERS BUT WE CAN TELL HOW MANY BOOKS THEY READ PER YEAR ALTHOUGH WE CAN'T BE PRECISE.

THE MODE IS THE MOST COMMON VALUE AND IT SHOWS THAT MOST RESPONDENTS READ 10 BOOKS PER YEAR AND THE MEDIAN IS THE CENTER VALUE AND IT'S NOT FAR FROM THE MODE AT 8 WHICH CAN ALSO BE A MEASURE OF NUMBER OF BOOKS PER YEAR. THE MEAN IS 13.48 THEREFORE ON AN AVERAGE, RESPONDENTS READ BETWEEN 13 - 14 BOOKS PER YEAR. THIS DISTRIBUTION IS RIGHT-SKEWED (POSITIVELY SKEWED).

SOME RESPONDENTS RECORDED THAT THEY DIDN'T READ ANY BOOK PER YEAR BUT SOME OTHERS READ 600 BOOKS (FROM THE SURVEY DATA) AND THESE RANGES ARE FAR APART. THE STANDARD DEVIATION IS 28.87 WHICH SHOW A LARGE VARIABILITY AND SPREAD. THIS IS ALSO DUE TO OUTLIERS.





This data is from Survey
Respondents and is not from the
entire Udacity Student population

THANK YOU FOR REVIEWING!!!