ICQ 2

Instructions

In this exercise, please use the excel file "Timothy_TE69_ICQ2.csv".

Context behind the data

You are interested in finding out about the salaries of various careers in data science. You managed to obtain a representative data set of jobs in the industry as part of your study. You would like to explore if there is any relationship between the various characteristics you managed to obtain.

In this exercise, let jobs with experience levels "EN" and "EX" be regarded as entry level jobs, and those with "MI" and "SE" be regarded as senior level jobs. Furthermore, consider a job to not have remote-working arrangements if the percentage of work that can be done remotely is 0. Otherwise, consider it to have remote-working arrangements. Lastly, consider a company with size "S" or "M" as a "Small/medium company", and a company with size "L" as a "Large company".

LEAVE YOUR ANSWERS AS PERCENTAGES CORRECT TO THE NEAREST 2 DECIMAL PLACES.

Question 1

What percentage of jobs are Entry level?

Question 2

Find rate(Has no remote-working arrangements | Salary is at least $100000). Give your answer in terms of percentage.

Question 3

Find rate(Has no remote-working arrangements | Salary is less than $100000). Give your answer in terms of percentage.

Question 4

Based on your answers in Question 2 and Question 3, what is the direction of association between "Has no remote-working arrangements" and "Salary is at least $100000"?

Question 5

Key in this unique ID: 269

Appendix

A description of the data set is given below:

Variable	Description
experience_level	Experience level of the job
employment_type	Type of employment for the role
job_title	Title of the job
salary	Salary of the employee in US dollars
remote_ratio	Percentage of work that can be done remotely
company_location	Country of the employer's main office or contracting branch
company_size	The median number of people that are working for the company