

QUESTION

1. The following table shows the results of a survey of 100 people who were asked to rate their satisfaction with their current job.

TABLE 1: Job Satisfaction Data

Gender	Very Satisfied	Satisfied	Neutral	Dissatisfied	Very Dissatisfied
Male	15	35	20	15	15
Female	10	25	30	20	15

QUESTION 1: Calculate the overall job satisfaction score.

1.1.1. The overall job satisfaction score is calculated as the weighted average of the satisfaction levels, where the weights are the number of people in each category. The overall score is 2.5.

QUESTION 2: Calculate the probability of a male being very satisfied.

2.1.1. The probability of a male being very satisfied is 0.15.

QUESTION 3: Calculate the probability of a female being very satisfied.

3.1.1. The probability of a female being very satisfied is 0.10.

