

Lab-1: Introduction to Descriptive Statistics

Lab-1: Analyzing Central Tendency

Question:

A company collected data on the monthly salaries (in \$) of 10 employees:
[3000, 3200, 2900, 3100, 2800, 3300, 3400, 3000, 2900, 3100].

1. Calculate the **mean**, **median**, and **mode** of the salaries.
2. Interpret what these measures indicate about the salary distribution.

Lab-2: Measuring Variability

Question:

A teacher recorded the scores of 8 students in a math test:
[85, 90, 78, 88, 92, 80, 85, 87].

1. Calculate the **range**, **variance**, and **standard deviation** of the scores.
2. Comment on how spread out the scores are based on these measures.