

Name: TAYLOR'S VERSION

Student ID: 😊

ECON 0150 | MiniExam 1 | Version A

This MiniExam will take 20 minutes. For each dataset, identify its dimensions and select an appropriate visualization. Answer clearly and concisely. Data tables are provided on pages 3-4.

Academic Conduct Code

The following academic conduct code is designed to protect the integrity of your work. Print your name/initials beside the three academic honesty agreements. I pledge to my fellow students, the university, and the instructor, that:

- 4 pts
- ✓ Complete this MiniExam solely using my own work.
 - ✓ Not use any digital resources unless explicitly allowed.
 - ✓ Not communicate directly or indirectly with others during the MiniExam.

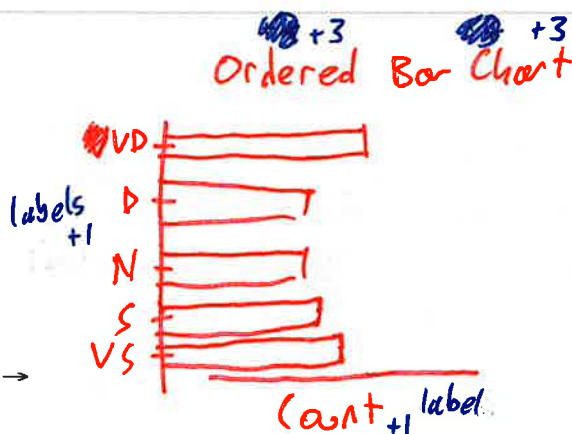
- X points for correct
- 1 point for incorrect
- 0 points for blank

Q1. Customer satisfaction survey results (see Table 1)

a) Identify the data dimensions:

- Data Structure: Cross-Section +2
- Variable Type(s): Ordinal Categorical +2
- Number of Variables: 1 +2

b) Draw or describe an appropriate visualization to the right →

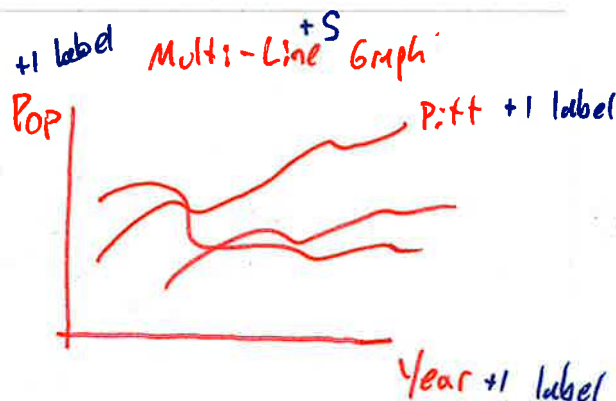


Q2. City population across multiple years (see Table 2)

a) Identify the data dimensions:

- Data Structure: Panel
- Variable Type(s): Numerical
- Number of Variables: 1 or 3

b) Draw or describe an appropriate visualization to the right →

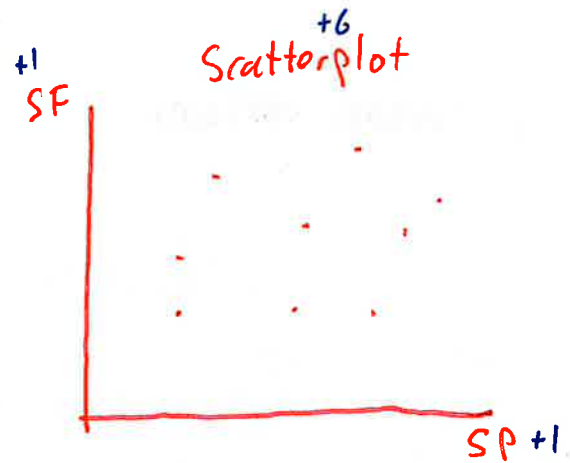


Q3. Housing prices and square footage (see Table 3)

a) Identify the data dimensions:

- Data Structure: Cross-Section ⁺²
- Variable Type(s): Numerical x Numerical ⁺²
- Number of Variables: 2 ⁺²

b) Draw or describe an appropriate visualization to the right →

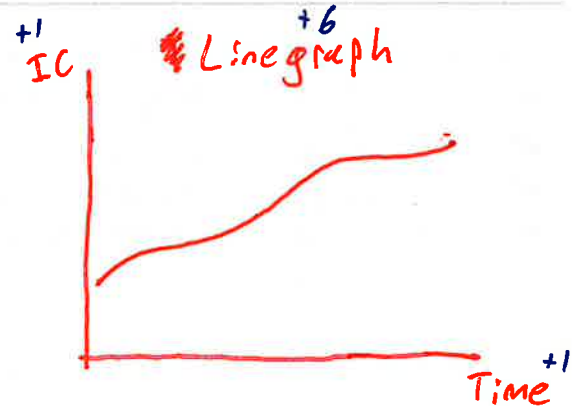


Q4. Weekly unemployment claims (see Table 4)

a) Identify the data dimensions:

- Data Structure: Time series ⁺²
- Variable Type(s): Numerical ⁺⁴
- Number of Variables: 1 ⁺²

b) Draw or describe an appropriate visualization to the right →

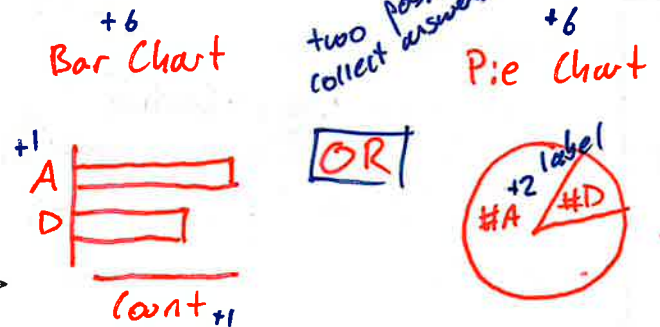


Q5. Loan approval decisions (see Table 5)

a) Identify the data dimensions:

- Data Structure: Cross-Section ⁺²
- Variable Type(s): Binary Categorical ⁺²
- Number of Variables: 1 ⁺²

b) Draw or describe an appropriate visualization to the right →



Q6. Test scores by school district (see Table 6)

a) Identify the data dimensions:

- Data Structure: Cross-Section ⁺²
- Variable Type(s): Nominal Categorical x Numerical ⁺¹
- Number of Variables: 2 ⁺²

b) Draw or describe an appropriate visualization to the right →

