

Mini-Exam 1

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1. Student Majors at a University

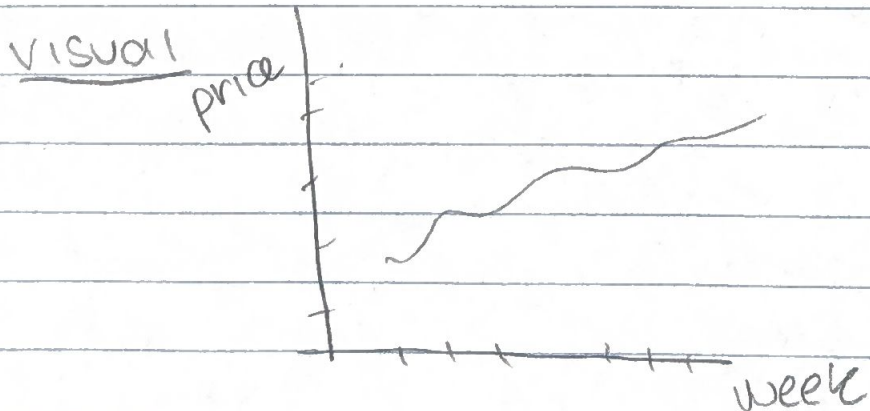
- a) • Index Variable: entity (i) = student ID
- Variable Type: Nominal Categorical
- Data Structure: cross-sectional

b) Visual:



2. Gas Prices in PA

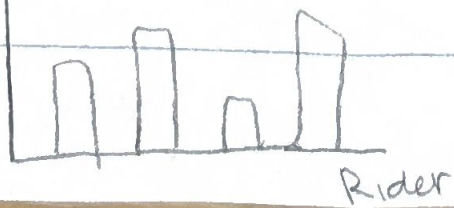
- Index: Week (t)
- Variable Type: Continuous Numerical
- Data Structure: Time series



3. Commute Times (mins)

- Index: Rider ID (i)
- Variable type: Continuous Numerical
- data structure: cross-sectional

Visual: commute



5. Tips

◦ Index = ID ; server

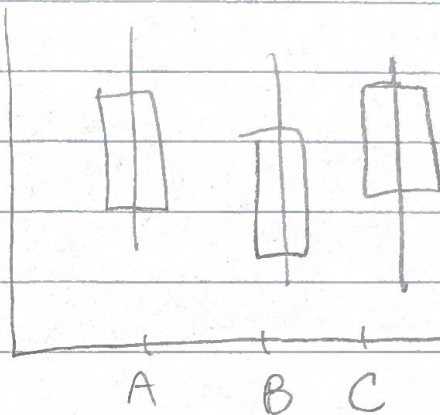
Variable = continuous numerical

◦ data structure = cross sectional

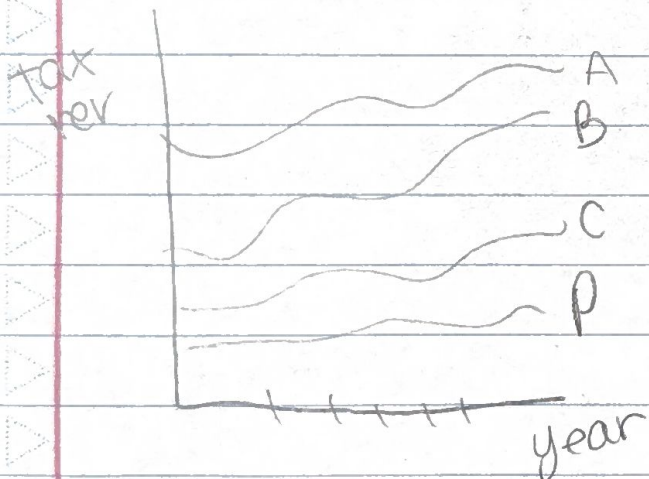
Visual :



Tip



4. Tax Rev.



Index = city (i)

Structure = panel wide-format

6.

Index = neighborhood ; month

Variable = discrete numerical

Structure = panel (long-format)

