

# GE5230 - Week 2 - Lab Session

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date: 2025-01-20

lecturer: Benny

Join Zoom Meeting (for lab session live view)

<https://nus-sg.zoom.us/j/7105649562?pwd=aDhzOG5WYThwSjlVb2ZNZ3pJNDFPZz09>

Meeting ID: 710 564 9562

Passcode: 610149

**Data:** hdb\_data\_2023.csv.xz

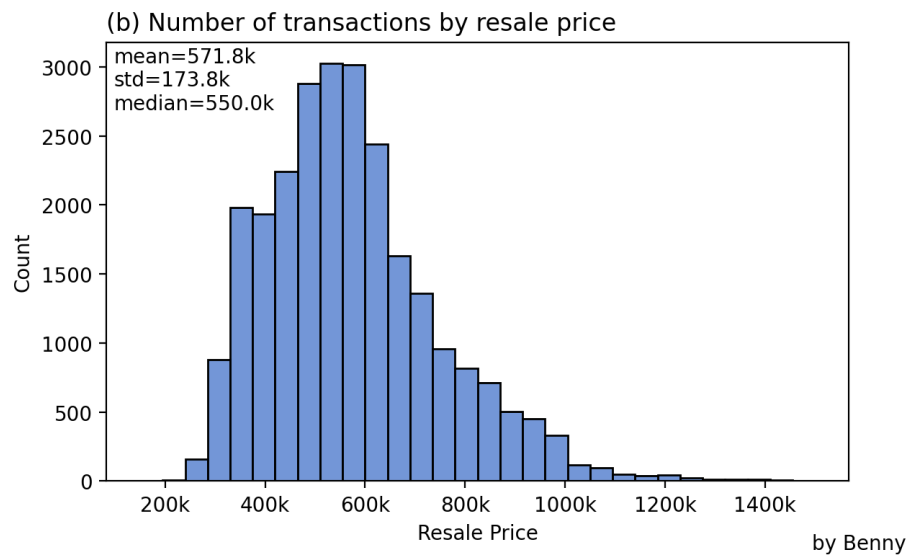
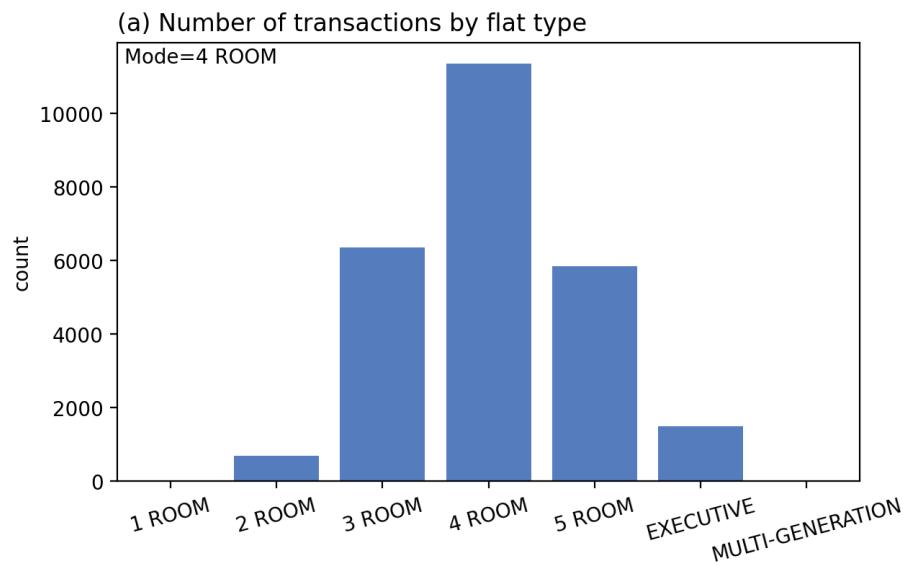
**Objective:** Generate the four figures below, follow the statements (after ordered numbers and before marks)

**Requirement:** Add your name and ID at the bottom right of each figure; put all figures in one document (export to pdf); save the document with file name: studentID-name.pdf. Please also save the four figures in separate image file (.png) with dpi 200, the file names were provided below.

**Be creative:** As long as your figures can capture the statement and contain a text label of your ID-name, all other elements are open for modification.

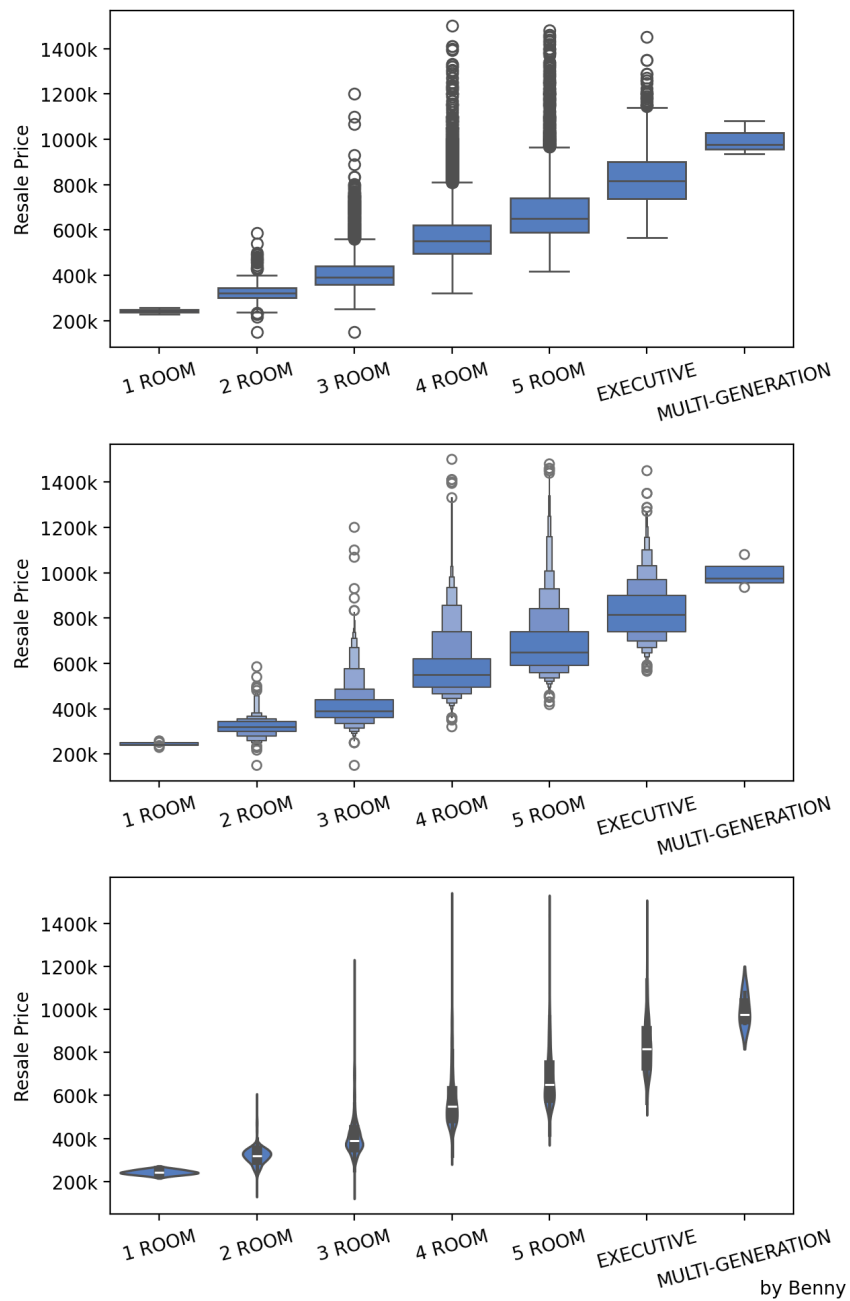
**Submission:** Please submit the document pdf and figures (zip) together with next week assignment (2025/01/27), before 2025/02/02 23:59.

1. Visualizing counts by category and prices (1 mark)



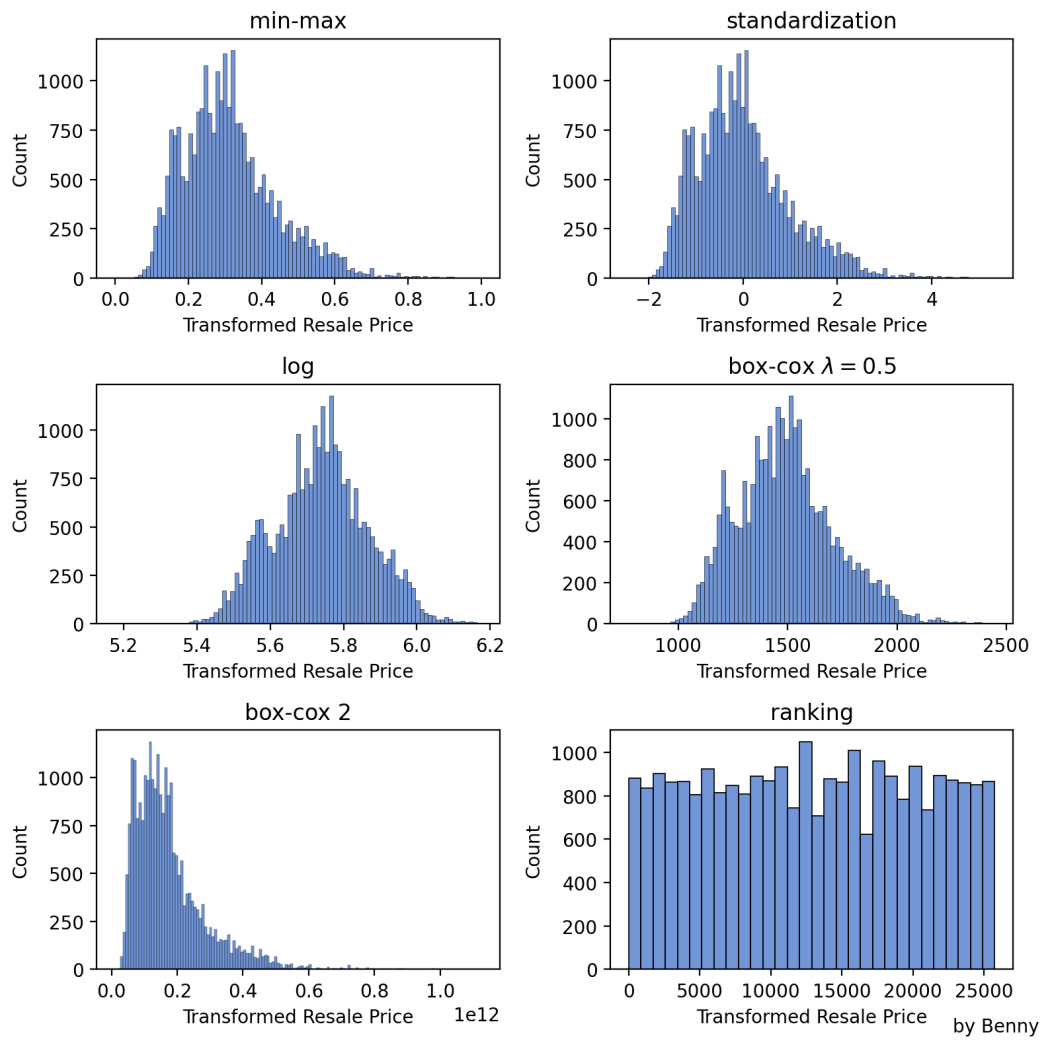
save as: studentID-name-w02-1.png

2. Compare the distribution between flat type (1 mark)



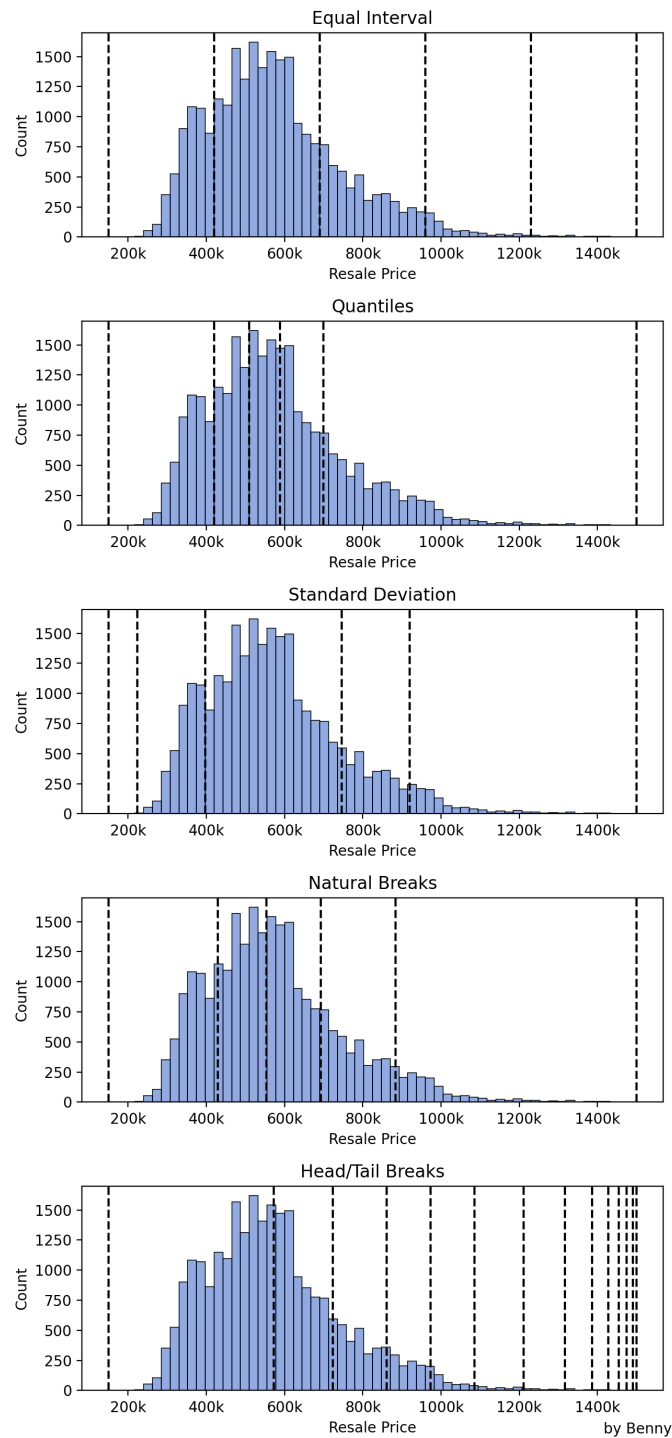
save as: studentID-name-w02-2.png

3. Compare the data transform methods (2 marks)



save as: studentID-name-w02-3.png

4. Compare the breaks (3 marks)



save as: studentID-name-w02-4.png