

## Section 5.2: Describing Data with Graphs

Wednesday, March 06, 2024 12:08 PM

graphs are a visual way to summarize a data set

for data from a qualitative variable,

can use

- bar graph
- pie chart

- pictograph - use a picture or pictures to show how many values each category has (more in Section 5.4)

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Section 5.2: cont'd 2024/03/07

for quantitative data,

- bar charts
- pie charts
- histogram (section 5.3)

these are all methods of graphing univariate data

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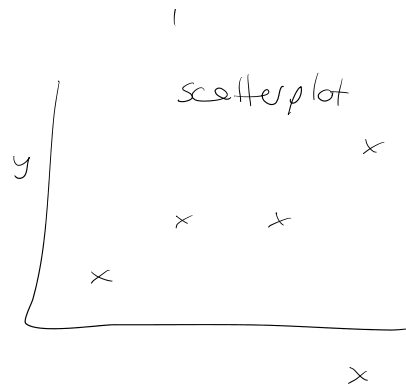
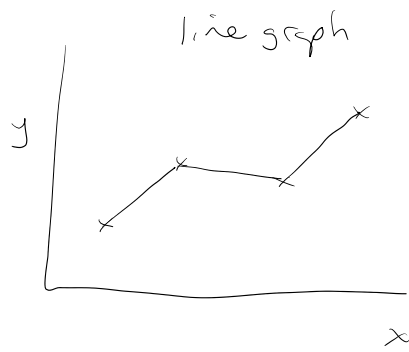
discussion: will not be tested

for bivariate data :

- line graphs
- scatterplots

line graph

scatterplot



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note: in this course, I will not ask you to generate graphs, but I will ask you to interpret them