Chapter 4

ex 4.1 make a dot plot

-provides good visual insight into the pattern and distribution of the data set.

| • • | • • | • | • | • |

0 5 10 15 20

- in case there are more than 1 observations per value (dots from dot plot one stacked on top of each others to forme bor

- Shapes of distribution - place whom most data one Located is called mode.

-mode is often located in -or-near the middle -if mode has 1 peak I = unimodial

-if mode has two peaks ____

- we can also examine the symmetry of the distribution
a) symmetric
I the ands of the
le) skeved a tail
ex 4.3 2) a) frequency distribution table
-intervals 5.5- 5.9 11111111 (9)
60 - 6.4 111111111 (10)
6.5 - 7.0 n (2)
V - remember to plot + describe in python hot book!
-import humpy tose arronge on bins
intervals 6.1
Relational graphs
-used fore 2+ more datasets
- good for examining relationship between voriables
J
-types of graphs
· stacked bor chart -f. ex categorial voriches
· stacked relative frequency
-both one good at whether the distrib. of observations and similar or different as a function of the other cat.

- for comporing the humarical vor. to categorical vor.
side-by-side dot plot con be used
ex) 5- 0
4-
2-
Outle outle
flooded confiol
- For lorger data sets -> aligned histogram
-stacked histogram can be used to show counts
Stacial Histogram and of the 10 strace confes
Scatter plot
- for componing 2 homenical values - data should be paired
- data should be mived
office strong partition