

"Legend"

numpy

figsize?
iris.drop?
hist

plt.plot: → connecting dots together

plt.plot([1, 2, 3, 4], [4, 3, 2, 1])

plt.subplot: 3 parameter (, ,) → focus on axis

np.linspace

marker, color

Pandas: dataframe object (Table)

Box plot
max
upper
median
lower
min

$$\underline{M}_1 = \min(\max, 1.5(\underbrace{0.75Q - 0.25Q}_{\text{box length}}) + 0.75Q)$$

.hist

Bin: How many quantity in each bin aka height

make couple to show together,
or step

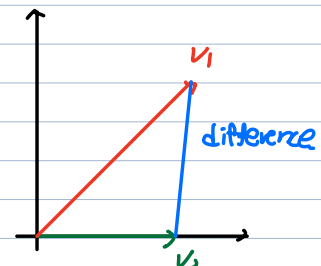
Correlation

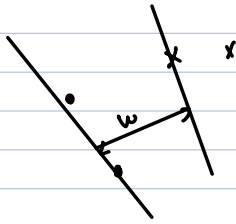
$$E[X] = \sum P[X] \cdot X$$

Variance

Co Variance $Co(X, Y) = E[(X - E[X])(Y - E[Y])]$

Correlation: Normalized co variance $\frac{Co(X, Y)}{std_X \cdot std_Y} \in [-1, 1]$





Svm

Project 2 types

0 Explore some dataset

UCL: too old

Neurips
KDP

2) Implementing some frame work Gata.? → ask professor.