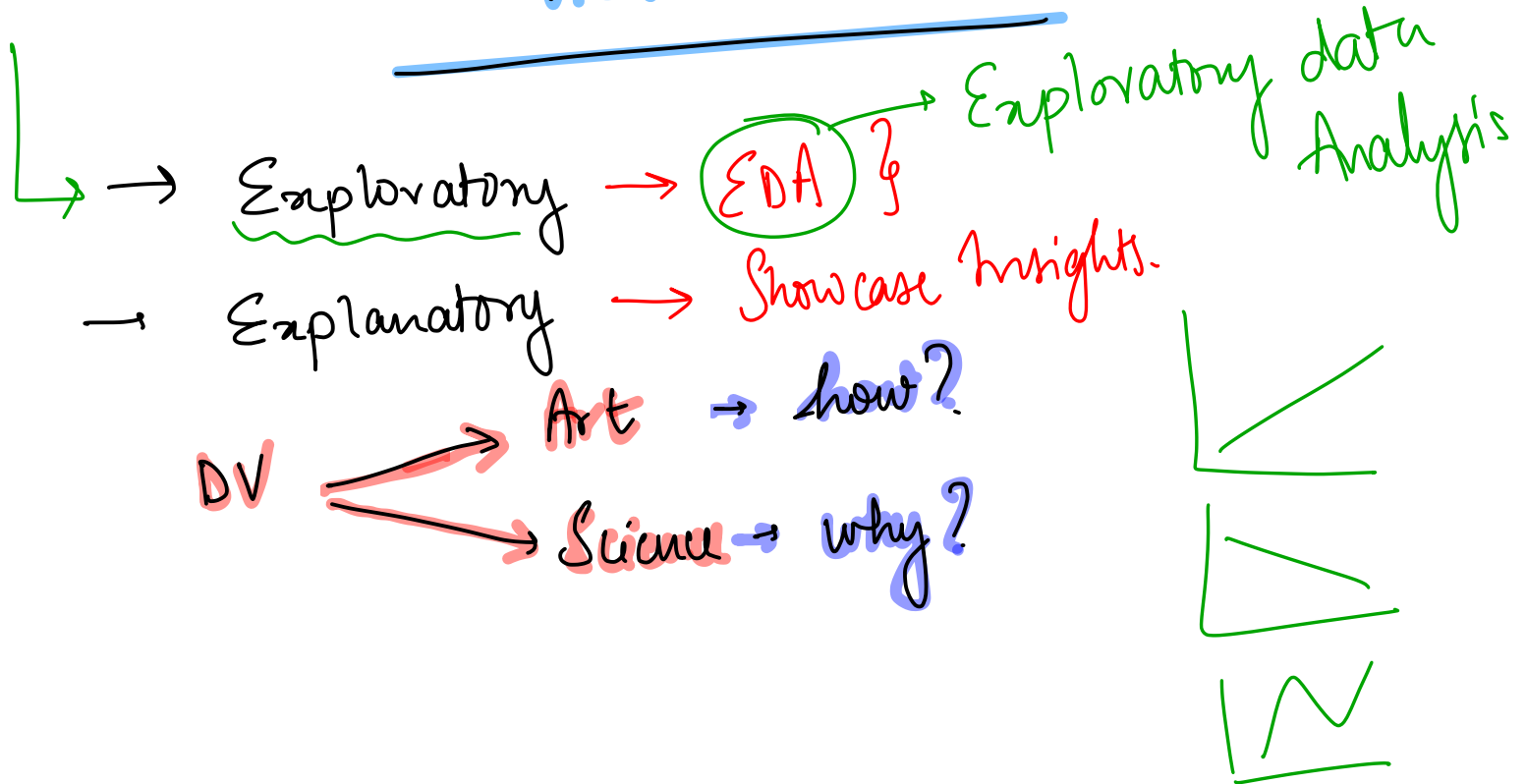


DATA VISUALISATION



Figure

Suptitle

Axes

Title

Legend

Plot

ylabel

Axis

Minor tick

Axis

Major tick

xlabel

Axes

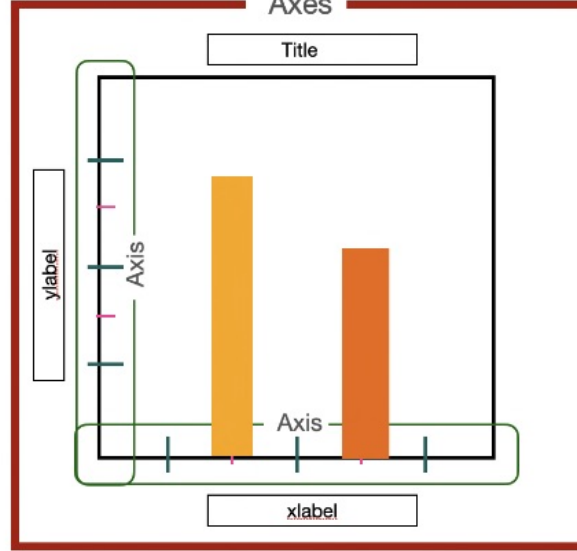
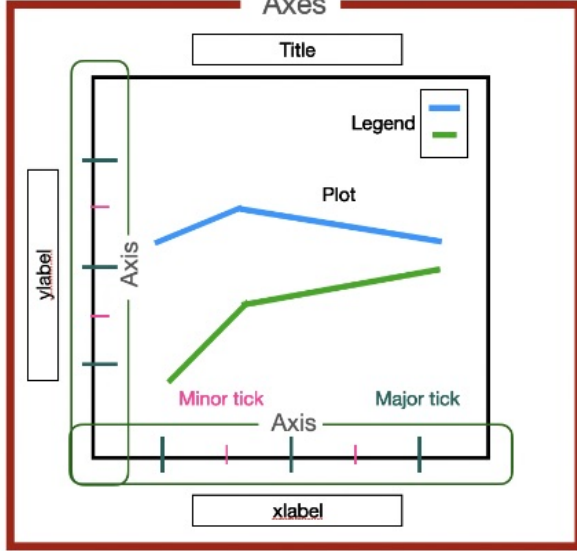
Title

ylabel

Axis

Axis

xlabel



* Univariate

- C - Boxplot with plt, Countplot (sns)
- N - Histogram, KDE plot, Boxplot, Violinplot

* Bivariate

- CC -
- CN -
- NN -

* Multivariate

- NNN -
- CNN -
- CCN -
- CCC -

NOIR

DATA

DISCRETE $\rightarrow 1, 2, 3, 4, 5$
CONTINUOUS $\rightarrow 1.23, 1.94, 5.96$
 5.45

CATEGORICAL

CONTINUOUS

BC $\frac{1}{10}$ $\frac{1}{100}$ $\frac{1}{1000}$

NOMINAL

{ Electronic,
fashion,
Homedecor,
Amazon pay,
Books,
Car Accessories }

ORDINAL

{ HIGH,
MEDIUM
LOW }
{ UPPER
MIDDLE
LOWER }

Interval

Temp

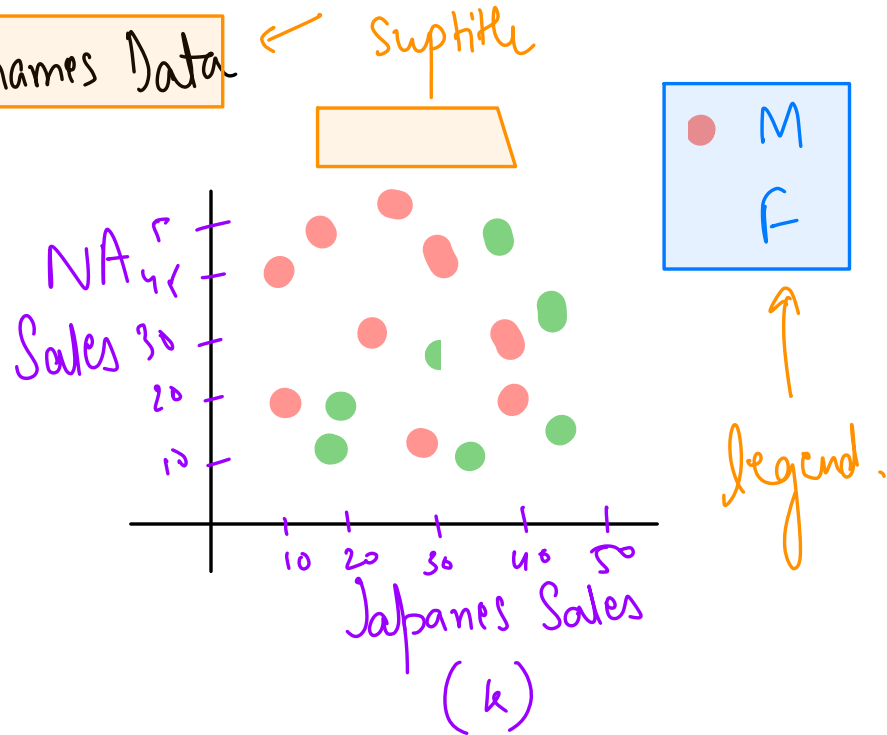
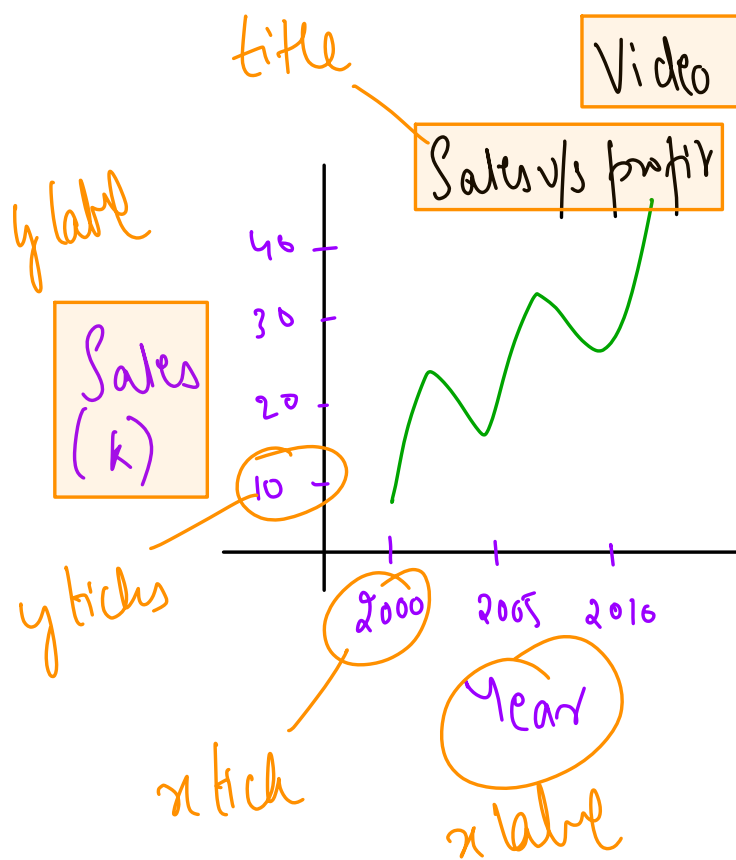
Time

0°C

\downarrow

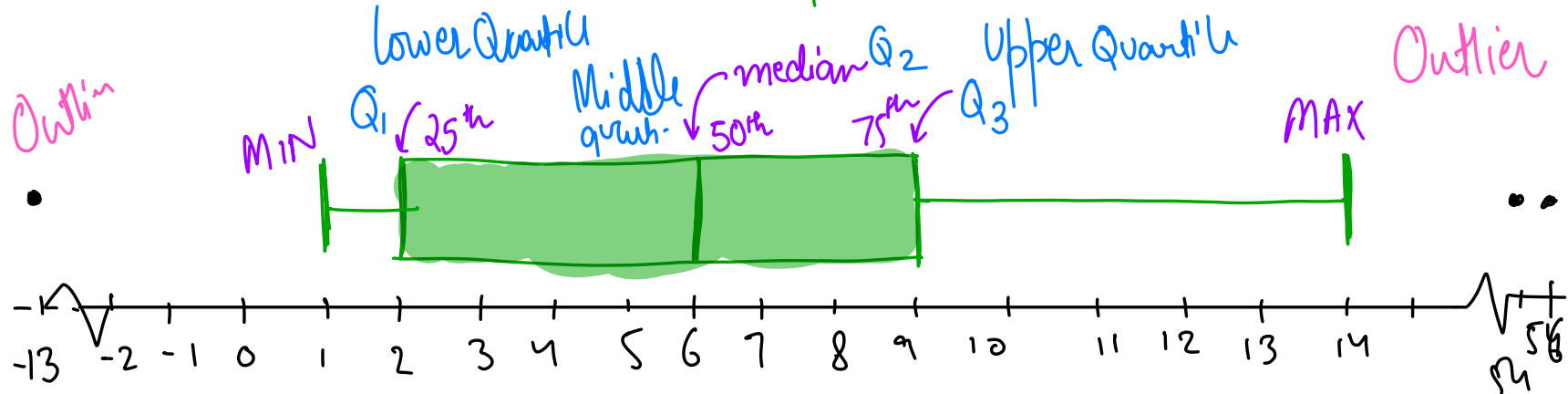
Ratio

Weight
Height
Count
0cm
0kg
0apples



DATA: 14, 51, ~~1~~, ~~1~~, ~~2~~, ~~6~~, 56, ~~7~~, ~~8~~, ~~9~~, ~~3~~, ~~4~~, ~~-13~~, ~~6~~

Order/Sort: -13, 1, 1, 2, 3, 4, 6, 6, 7, 8, 9, 14, 51, 56



IQR \rightarrow Inter Quartile Range $\Rightarrow Q_3 - Q_1 \Rightarrow 9 - 2 \Rightarrow 7$

MAX $\rightarrow Q_3 + IQR(1.5) \Rightarrow 9 + (1.5)7 \Rightarrow 19.5$

MIN $\rightarrow Q_1 - IQR(1.5) \Rightarrow 2 - (1.5)7 \Rightarrow -8.5$

Outlier → Uben

$R_1 \quad R_2 \quad R_3 \quad R_4 \quad R_5 \quad R_6$
 $= 2, 3, 4, 10, 12, 200$

Webservices & sen

Movies 80

2, 80, 3, 120, 18,
1, 3

$$\frac{2+3+4+10+12+200}{6}$$

38.5 podcast

(Clipping
Clipping
% per
imputab 5
(DBSCAN)
↑

→ 2, 3, 3.5, 4, 5, 7, 60, 70, 120, 80, 65

Spotify → podcast

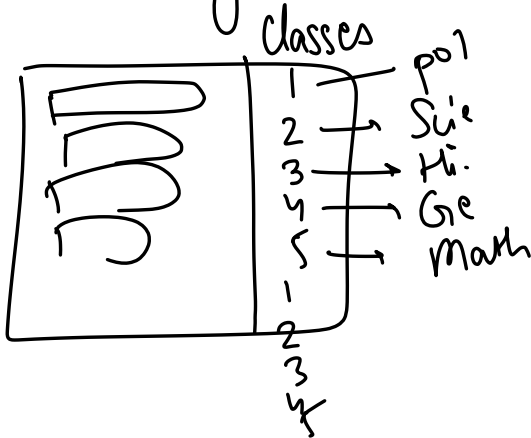
year

1980

2020

Numerical

→ Histogram



Categorical

1980 ←
1981 ←
1982 ←