Data Visualisation 3

Revision: DV2

   (1)   Bivariate Analysis (NN, NC, CC)
                                                         CN

   (a) Cat - Cat (CC) :

           → Dodged Count Plot > ↝ Stacked Count Plot

   (b) Cont - Cont (NN)

          → Lineplot (is not ideal to see for variables
                                  which are large in range)
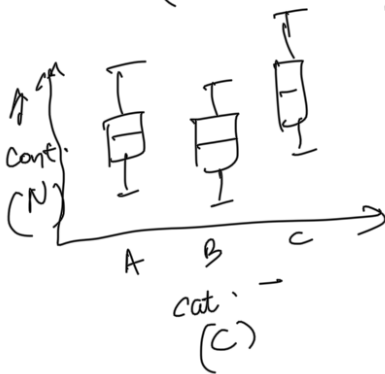   ↘   ✓ like (Rank vs Global Sales).

        → Scatter plot { correlation & feature to feature
                                      analysis)

   (c) Catigorical - Cont (NC). (& Stock market (Kite)
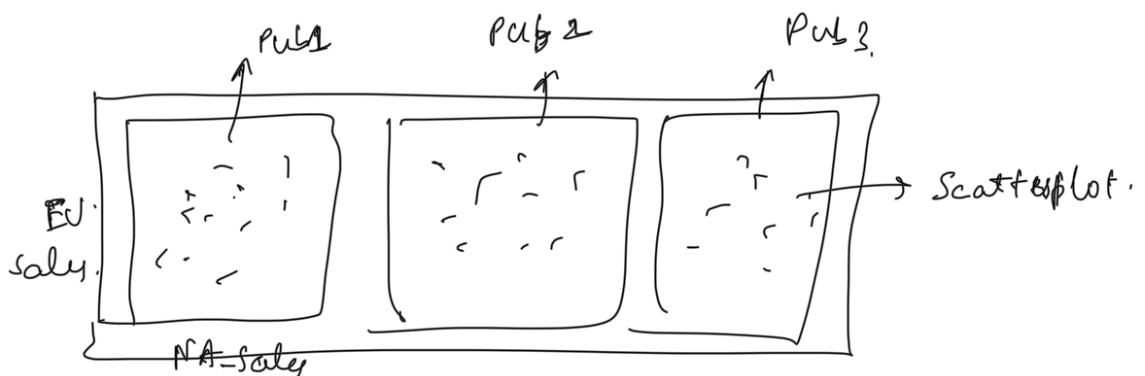   example).
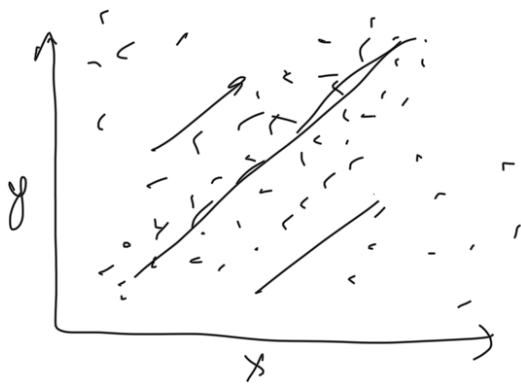   → Multiple Box Plots.

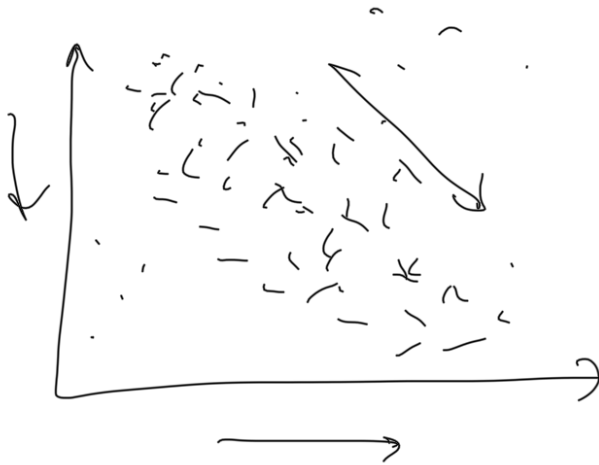   Subplot → How to create multiple plots inside a single
          figure.

DAV - 3.

sns. scatterplot

plt. subplot.

$\Rightarrow$ +ve correlated

x increases

y also increases

$\Rightarrow$ -ve correlated

x decrease then
y increases

x increasing then, y decrease

Correlation

$$-1 \leq corr \leq +1 \leftarrow \text{+ve correlation}$$

↑
-ve correlation