Douta Preprocessins

Distring Rows & Columns — Add

Rename

(2) Handling Duplicates — duplicated Datestype

- drop duplicates()

3 Handling Missing sisnull() Thura()

4) Handling Outliers -> dropna()

Jaintify Isnore

replace

Outlier: Any inforeseen value. Extreme High or low value

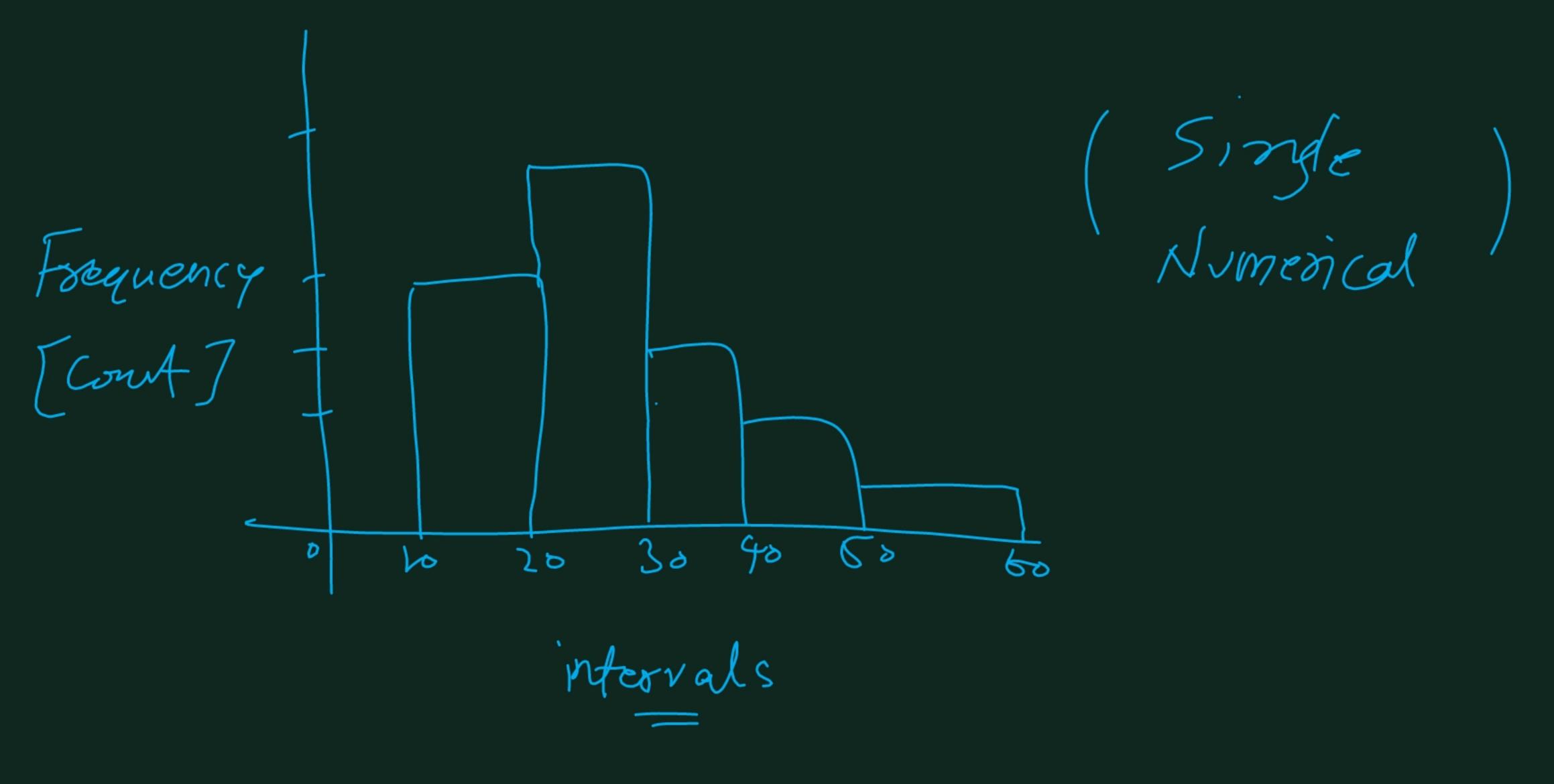
Age 20,21,22,19,20,50
Outlier

Dorta Analysis & Visualization

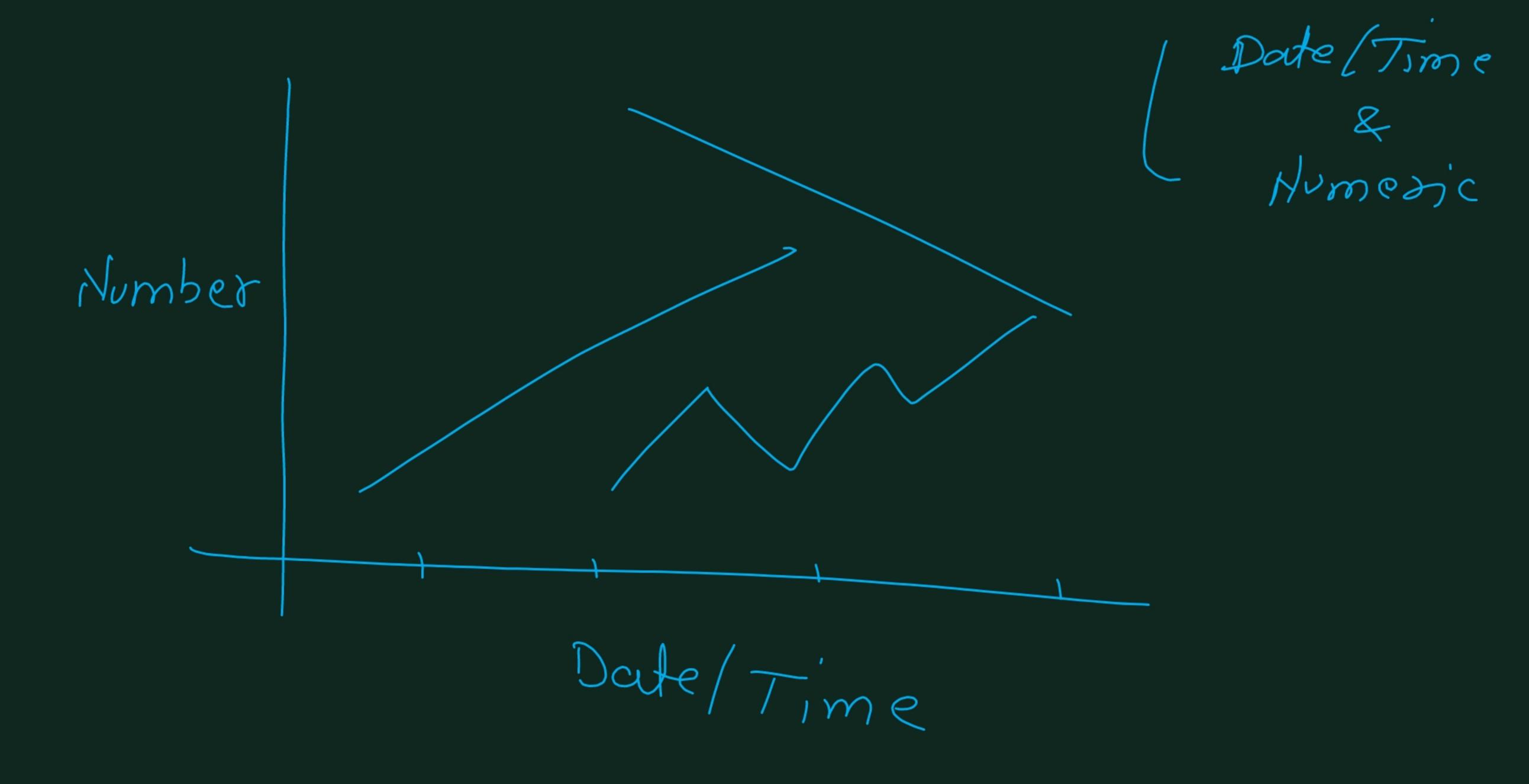
- 10 Numpy ~> Numerical Python
- 2 Pandas ~> Analysis and Manipulation
- Basic Vizualization
- 4 Seaborn ~ Advanced Vizualization

- # import matplotlib. pyplot as plt
- 6) plt-fisure(fissize = (Heisld, width))
 Looptional
- B plt. plot-name (1) X es plt. hist(x)
 - Optititle (" 3)
- (D) pult-show()
- A PH. xlabel (" ")
 - (E) PH-ylabel ("")

1 Histosram: Distribution of duta (E) Line Chart: Performance/Trend

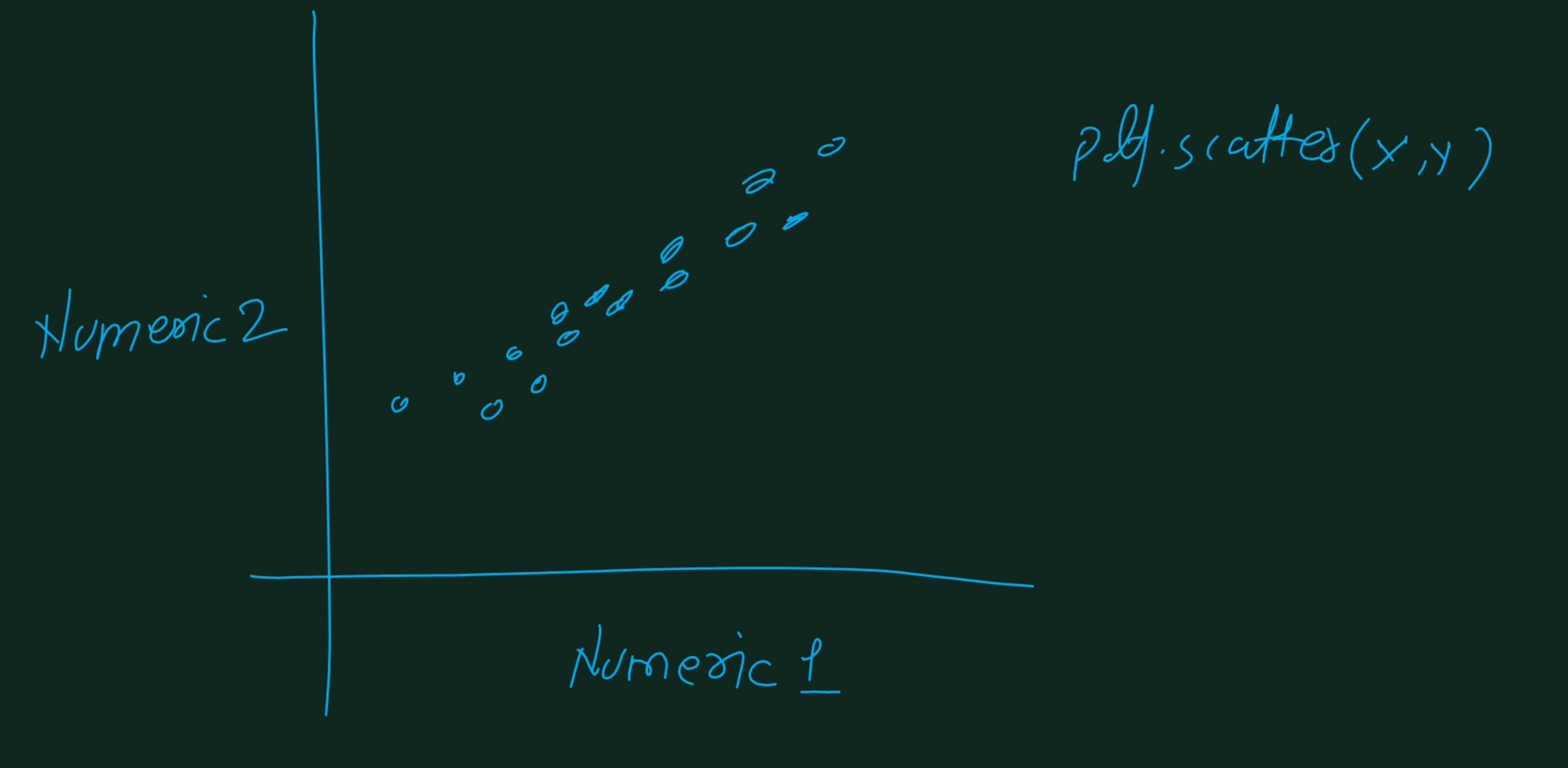


PH. hist(x)

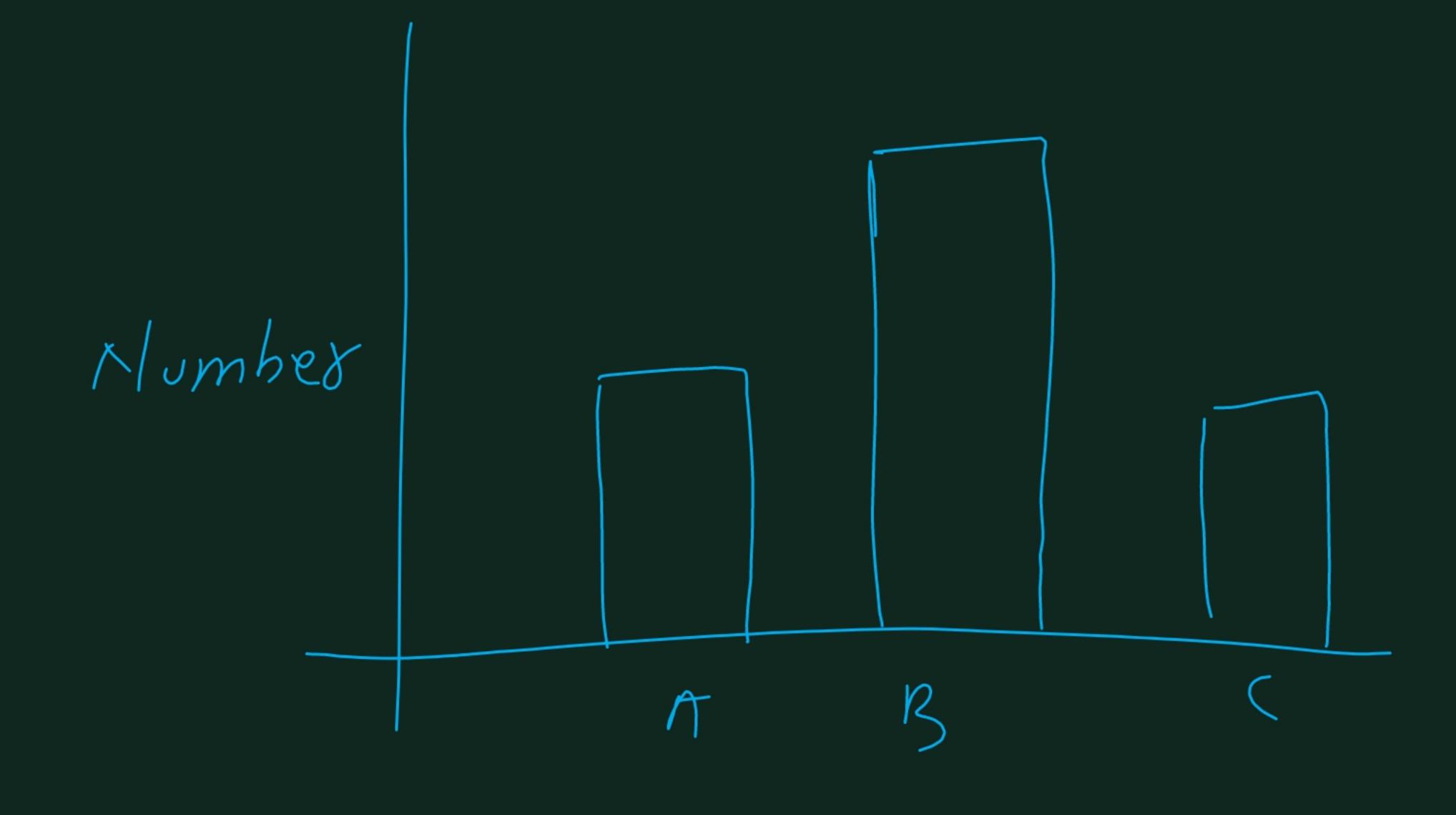


Plf.plot(x,y)

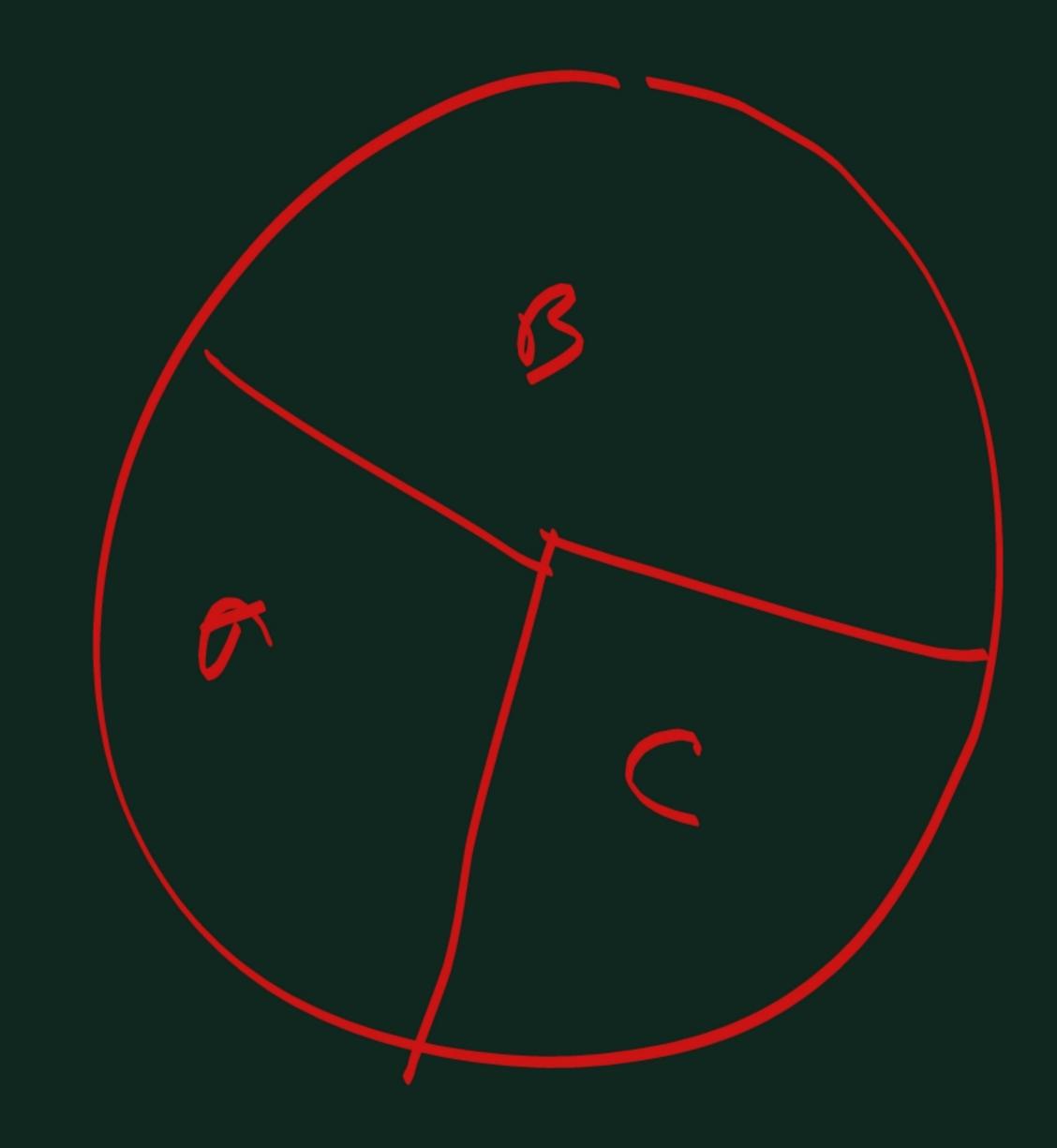
3 Scatter Plot: Relationship blw two numeric columns



(Cat and Nom)



5) Pie Chart: Douba Segmentation/Division



plt-pie (value, label, antopet)

Seaborn

import seaborn as shs

5ns. histplot

sns.barpht()

PM-Hitle ()

PM·show()