EDA Univariate Analysis Single Calumn - Pt you Consculate (Analysis) on Single Codumn it's call single terriate univariate Analysis. It Analysis on two columns -> Big Variote Analysis It movel than two columns -> multy Variate Analysis. Ansty focuse on Dortain Dortain contegorisal Which Humerical country colure, Sex, Bcity. highe, weight, marks, Step of focuse work on Categorical Dator
Count plot, Piechartt odf ['Af class]. value-(ounts). plot (king = pie; autopet = 4.26/ Step(11) Numerical Data: (a) + Histogram > Histogram is a took for the cking montplotlib 10-20 Age -> 15 peoples 20 - 30 Aga -> 40 P.S. 30 - 40 Age -> 30 Peoples. 40 - 50 Age -> 20 Peoples. Pdt. hist (df ['Age']) Skewness from whole Shange (Bins) 1 130me (b) Distplot (seaborn) Kde > kesnal density Estination. all Age. skind The Right sns. distplot(of ['Age')) Es plot se hum probability x bure me pto chiltaha; 3) # Age 80 home Ka Probability Kya hai Ans > 1 1 Change has so Age 80. hone Karmatanh. 6 Box Plot. Sins. bompdot(df[fAge'])

Scatter plot (Numerical Numerical pota)

(Hipps dataset) SEADEDA Biravointe . 878. Scatterplot (tips ['total-bill']. tips ['tips]) hue =df [sor] Multivariate de total bill Sno. Satterplat (tips [total-bill] tips [tips], hue = of ['sen], style = of ['smoken] there are 5 codumn in single scatter plet we can and do this with Scortler plot. 2) Bar Plot (Numerical - Categorical data) Sns. horopdot (tidanic [Pedads'], titanic ['Age'] hue = titanic ['sen']) Box Plot (numerical- contegorical)

Smb. box Plot (titanic['Sex'), titanic['Age'], hue = titanic['Survived'] 9 Distport (Numerical- Categorical) sins. distipolatetitanic[fitanic[Surrived]== d[Age], hist=folde) (B) Heat map (Cod of 03 16 ad- (ategorical) 5ms. head map (pd. crosstonb (titanic ['Plass'], titanic ['Survived'])) for know the percentage fitanicignousby (Pedows). meano [Survived] x100 > p/ Show (titanic groupby ('p. totals'). mean ['Survived']* 100). Polot (xind = 600) 16) ClusterMa? (Categorical - Categorical) Pd. cookstab (fitanic [Sibsp'], titanic [Surrived])

sms. pajrplot(frishne = 's pacies') yit will selt deride and plot with some (8) Lineplot (Numerical-Namerical)
Lineplot (Numerical-Namerical)
Sit is basicly use for indate and time detadotalet
Share market gooph new = flights groupby ('xear'). bum 12 reset inder 5ns. line plat (new [Year], new [passeng ers] for pirot table ? flight. pivot-toble (values= passingers, inden='month', columns='yra) Sns. he at mare 3ms. clusternap[___