Aniket kumar

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1. What in Complounting Data Analysis?

Explanatory data malylies (100) in a from of Into analytics. This field is sounded with analytical and explanating datable in wider to summarine with Sominant chanadenicle.

The American Mathematician John Tukey developments
I DA in 1977, and for the Same issue, it has
continued to play an integral state in the

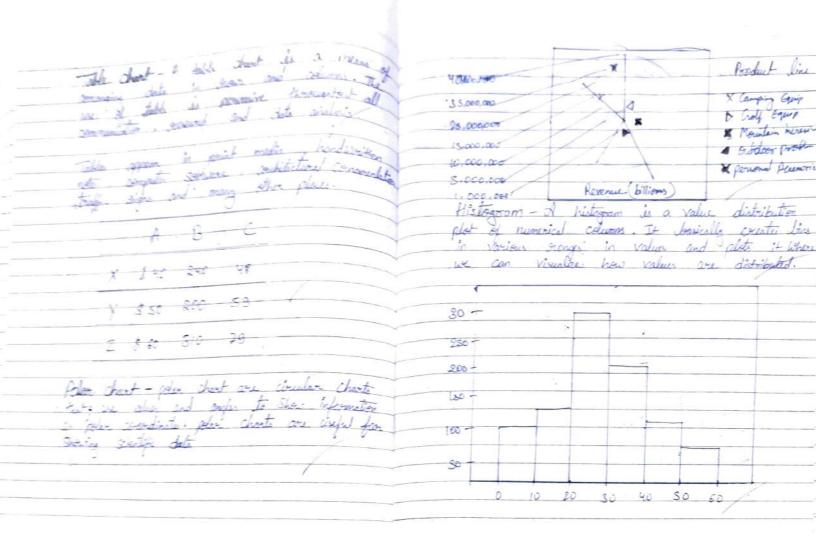
Explosationy Data Analysis suspens In the critical process of professional initial investigations on data so as la discovere pullerne to spende anomalies to Dest bypothesis and la check assumptions with the help of summary solalistic and soughted prepresentations.

LOA is all about making sense of data in hand before gelling them disty with it.

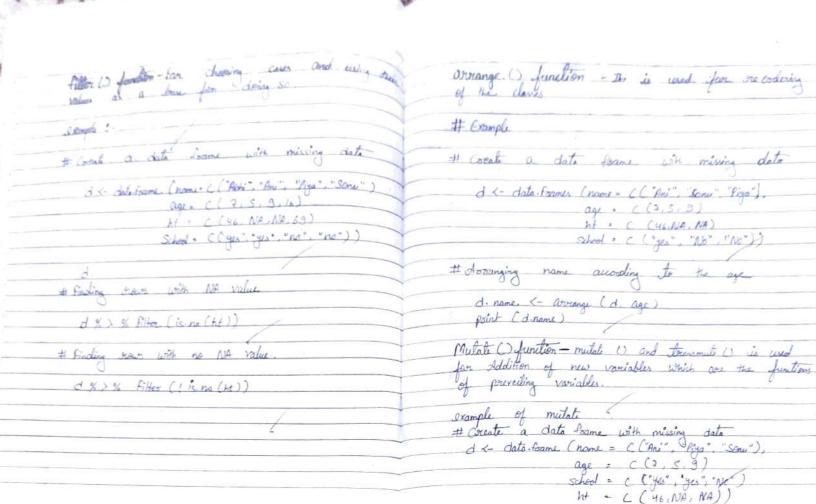
2 what is its importance of ECA is real 3. Compare Exploration Data Acalysis with increations of EDA in real world take analysis Charical data Conferencia data Bassim Cata
Analysis analysis Screenis Healthcare - EDR is holpful for spotting natical externs ambedded in house stone of medical Gudlin Reportion Rolling Capital Colins Capitan outs in addition, healthcare retractes, healthcare dea Date collection the is electronic medical records Data Explication Melia and sport Date virolais 1 Mean Cercipous Robil - ECF can be used by brainers managers " Medile Development Price Distriction agent week oran in a stary on frontly. conden to suggest cover that con I've toward Pulls correspiction goults committee Date Angui for increased increase Froud detection - When EDA mining turnique are use or redicare 4 West one the septementade assilable for EDF Street of the most common Joseph used to count Auditing EDA can be applied to several in of auditing from both internal and ordernal R - An exan-science programming language and fore Software mirroment for statistical computing and & The food industry

lighter from and side was split and imple in with the sullable example, Explain the tree that when it worker printed the in the De was derive the very to incode 1) line thant - live thank are used be supressed primarily with men with when what agreentitutive data collected over a specific stabili and it syrreific line Interval, all the data 5 which down the goal of Explanatory Date points une converted by a line. Data points steep mounts be observations that are collected the it survey in surranch. The personny year of Time in its overrience the the line people has an x-axis and a year's. maked institut hits a sale and like the indiging sometime of a total set while social all be the specific Hours that an insulant x - merrage 601 would want to what from a data set Super y - Manth · 3 pool . Alloy , ploringuises produl. · a dist of millier · a serve of sopration of conduin · Which for Attended · emertantes for there estimate Feb max rigy Jun · a searched list of imposition factors · complision as to weether individual feators are statistic Bar chart - I have chart superesents atequaid · optimal sullings duto with rectangulare burs having lengths proportion to the values that they deporered This is one of the most common fyces of visualization that almost exercise much have executed

Brow can be down howomatally are revisable represent integerial variables. stores phot - An area plat The area between air and line are commercia textures and with colors Charts are commonly used to Somicon depits a time - server indivining \$ 70K Servery February March May BION -Scotter plat - A Scotter plat is a series of points that saw has the variables are related to each \$ SK do \$0 31 pie church 30-Ostsocation 23-0 In a pie chart they are 20each shire is proportional 13 quality it generals. 0 Pie thank are very withou aired in the business would not the men made 8 10



7 White a sheet note on deligo. Inchage Georgie of Edut () The App perhaps in P proportion desired of sale manipulation that provides a uniform set of seals, Interpresent to survive the most frequent state manipulation huridles. M (made a chaldrame white reising date A C dala tours. (name " C Chini", " silge " los , " loss). ay = (.62, 5 , 3 -16) bil 1 ((the Nith , Nith , Eight dolys parkage provides various important function. It Charlings is pursuan In ingo only it date It I worked () families. In grint everything single is date. 8. West a short note on Data Bioniformation Into Iransfermation its Jeaning a serve of how Data is distributed, both from using visual con quantilatives summaries were can consider Disnefermation H printicling data of whom under testining 1902 of smintler to some both integratation of data analyses and the application estatistical and modifier Sevenical models. to a dataset # proting data to church heading continue o # printing data of when handing which watche to 3 with the suitable example explain: select (d. mischer ("no")) solet () and evenome (): for choosing morelle and using their names on a love for doing



in a man production and the second seco MANUFACTURE ! OLULION AND Months - College of City the place of the exempter with the party with Fren 2 THE SHOP AND they will then post it is the man with the special the second of the sec the state of the plant of the top of the same to the top of the state Markens Avis V. 1. V. Lut. Buckette

Histogram - Histograms in the delicat value: of date The histories is used to know the distriction the proon in whether it is uniform votal aris: counts / bayung / gradal life Harisandal aris: Y 5m 511 9 12 5-21 8 14 8-23 8-24 927 928 -Normal productity - Normal productity is used to tree. Vertical axis - ordered Y: 2) What does Values - Ston Hen a plot of the treconticol porentile of the be approximately linear. 0 75 50 pc 100 124 150 165 3-28 3-26 9-20

5) What is probe in probability plat ? 4) What is the importance of 4 plot 9 The I value mean the probability does a given state in the model that when he nell hypothesis is the true the statistical Summary would be equal 4 plat is important from testing underlying Assemption Allers and surginaring conclusion. to an more school than the setual stressed The 4 plot sequence plot, less plot histogram and normal probability is seen as a simple afficient and powerful way of carrying out normalise Cheeting. - mean 5) Define consequences ? Consequences of inappropriate data analysis after P. value corresponding to be neal point tells un about the total perchability of getting any value to To determine the effects of the incomment. Data analysis proceedings objectives in the literature Values are gived sandonies from population distribution servey, it would be necessary to rearright the data connectly and congare difference in the granults. This is not possible without over to the granults of the granults. P- value day not held any value by Helf. A love o value implies that sample scares are more

It is similar la birariate but contains more than 3) What is the difference among Universale, Virginiale charmists data this lope of data convists of on the spale to be assisted. The analysis of universals date in their the simplest form of analysis since the information deals with only one quantity that changes 1) During the data pre-presering step, how should one bound missing /nell values of How will you deal with them through R programming ? To down not deal with courses our relationships and the main deal with course are orelationships and Missing Yalus are provided in life for ea-some alls in spread-sheet are emply If an insensible an impossible arithmetic operations is levied than the main persone of the analysis is to describe the date and final pullaries that exist willing Birariale data - This type of data involves live Dealing missing values in R different variables this type of date deals with comes missing values in R are hardled with with course and distationally and the analysis is some predefined function. done to find out the relationship among the is not function for finding Missing values: turi Variables. Mullivociate data - When the data involves three A logical voctor is netword by the function that indicates all the NA values present It greturn a De mone variables Boolean value. If NA is present in a valor :

A signment no :- 03 guturn TRUE ste else PALSE 4 Explain EDA Technique X L C CNA . S. Y. NA . NA . NA . There are form explanding date unabyin Such niques that date superti was which included is. na (n) _____ Univariali non- Complicat - This is In disaplut type of CDN, Where date has a single regularisable ince there in conty one variable, coats professionals do not have to deal with nelationships cutat: [1] TRUE PRISE PRISE TRUE TRUE TRUE is no function too finding Mixing Value :-Univariate Croaphical - Non garchier Testrique de not present the complete gillow of clate. Therefore, fire comprehensive EIA, data experiodista inflorment apophical method, such as shim and leaf plat, than plat and histograms. XEC (NA. 3. 4. NA. NA . 0/. 96) is non (n) Multivariate Crosphical This EDA technique make us of goophic to Show relationships Interes I am mane supply :-[1] FASSE FALSE FALSE FALSE PALSE TRUE TRUE Multisoniale Non Coxaphical - Multisoniali goto consil of several variables. Non- gaspical multivariate Est methods illustrate relationships between 2 cm more

4) what is a quantilative explanation analysis? data variable using statistic are cross tabulation Explosations data analysis is the evential ofice step of any quantitative data analysis. 2) What is Aphabetical Grosophical Techniques 9 This section provides a galley of some unful goaphical Techniques and allow to select variable of interest variety your first interest about the date and explana possible grelationships The techniques are cordina alphabetically so this section is not intended be great in a this separation 5) Explain EDA using Quantilalize distribution function The use of most of these graphical Sechnique is demostrated in Croaphical Sechnique. The EPA Types of techniques are either apophical and quantilative. While the graphical method involves the quantilative method on the other has involved the Calculation of summary statistics 3) Explain EDA using perobability density function o A function that defines the orchability between a gradient variable and its possibility of the that we can find the possibility of the variable using the function, is called a possibility Density function These two type of method are further divided into univariate and multivariate method The productify Dansity function is called as the productify man function when dead with Discrease Data X X 100 CZ

2. Explain Ih credit sish analysis with EDA penformed by a credit analyst to determine a chility to ment their. Left obligation Assignment no: 04 1) What is Auto covalation streeture in Random walk o The purpose of credit analysis is to determine the coedificantines of barrowers by quantifying that the leader is expand Autographion involves finding the correlation tehrum a time series and a larged version of itself. 3) Write down the steps of the cerami stough To lest the hypothesis of the steps of the ceramic strength analysis is effective to predict the Greekich of an alumina based coramic. The cereanic extrength analysis divided into 3 groups 1) Step-Stores accelerating test X Axis in the lag k, and the pearson's coordation coefficient at each log. The 2) flexual strength - control 3) flexural Strength mechanical aging. ored shaded region is a confidence internal. It the height of the bars is outside this region it means the correlation is statistically significant.

Assignment 10:- 05 I write the good of the one study of that date visualization advantage and dentity of and The heat flow meter determines he thermal Advantages and the dealth of and dete conductivity and the thorns transmillione, which is also know as it value of material with a La thornal conductivity. Visibilitation allers visual and to have count of COHP measurements have a higher accuracy since the HEM measurement is compositive method of data andris Forthe Daision making 5) Worth the steps of Beam Deflection analysis? Making som of complicated date The beam can be don't are moved away from its coinginal position. There are mainly y stops which can determine the magnitude of Jean deflection analysis. These includes -Identifies yours and shows well they information and and in · How much clarding is on the structure It provides steastelline and come to went · The length of the unsupported member · The material specifically the young's modulus . The con section size, specifically the mondert of Solve date trefficionies and Inertia

you do you visualize Jime series date in R? Time in R is used to sa how an 2) now do you visualize website data & Time object behaves over a period of time we can visualize websile sita through the R line series data visualization contillers It Groupe thank - Grouple Chairles is a completely force tool that affect offers a number of default models to viscotize data. is fairly similar to general plotting but its Tableau - Tableau is an enterpoise level data analytics platform that can drill into different kinds of data to make seen of them flot () and plot.xts() function are generally use strice data in R 5 What is a gaplate in R9 3) white a short note on-content based downers! The iden of content based document clustering gaplot 9 in R is the latest version of the algorithm is to cluster the document by using Jones open data vinusization field applate as a set of semantically related woods The Jeron applot a selection to the produces is for example - content : based downerst clustering name. we use the function agalat () to produce concept announce made up all the documents the plots when wing the pruhase Thorefore.

Called applot 2. and the command and the contractions. that contain woods which are eithe to