of Unit - of 1) Bivariate analysis! Birariate analys of the form lof Etwo refers to analysis varables. RIF PS a methodical Statistical technique applied to pair of variable of datas to determine relationship. Common ways to Perform Bivariate. 17 Scatter Plots +

Scatter, Plots gives an

idea of the patterns that can be formed using two variables correlation Coefficient: or a The coefficient helps to Correlated as I don't the data's are relation is zero then this means that the variable are that we related. abilion application coefficie opstrogers positive 1375 negative 1 then this means that the variables are prefectly correlated to hardfood the though a disortention linear regression: hopethes willings 19272 jul 20 This uses a wide range afortools ito determine how the data is related

The presented by lone to teu lauret made corre. arminificos printiplarros 2) percentage tables: a percentage tables are also Known as frequency tables nov relative frequency tables had all the en data analysis to Summarize and Present the Categorical data or percentage table provides a clear picture Hopog proportion understand the distribution of different Categories. -e. To where is a step by step guide to create and enterpreto Percentage fables. Jak 00 8 7 3

1) Define your Categories: of Edentify the Categorical variable you want to analyze. Downson ox categorical variables consist of distinct groups or categories such astoriage groups, genderte, productstype 2. Collect and organize data: Collect your date and en table formations 3. Create a Frequency table. * Create a frequency table by Counting the number of occorrences categorty in dataset of each To Aluxa Plant Der Gille ! T for example. somoka ous Category most udistein la moderation to. Female 0 thers

4. calculate : Percentages: of Add as column to your frequency table to calculate the percentage et each category los percentage.

ADIVIDE the frequency of
but the total each category by of observations Erande multiply by 100000 long dellos. elle de gover deter for example: black not goof za. Category Frequency Percentage remoderate qualon 2 1000 Mers 6-1 5). Interpret the Result: op Analyze, the percentage table to understand the distribution of categories 0 Knows

3. Handling Several Batches: many analytics applications required frequent batch processing. A Batch processing allows to process data in batches at varying interval op Batch Systems must be to Scale formall Sizes built of data.

**Repata received from batch

processing is refferred as big

data or large, data.

***Resident processing is a large technique of processing large amount data is broken down ento smaller chunics for be bugging efficiency. 21/2015 2 trop and how bases?

Reduce memory. Usage formes. B. Elborott * pandas automatically red the memory usage by optimizing data types : 100000 doto 8 1 Splits data into Chunks. splits aum nowher data 95 stoo long. to effetilished memory, paraus can be used. Island morth pandas split data into Smaller chunks which makes a easy deal togot debuggings and organist filtering the dataset. a Chundring Can be used from intial, stage of explorator analysis! 2->10000 stallant ofn? Benefits propinite prieguolso Aspeed and Low costs

proffline Jeature. 20 Efficiency a Simplicity. of Improved Data Quality 之,1. 月,为

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