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EDA PART 1 (Overview Interview Questions)
                                   Exploratory Data Analysis?
9) What are the overall steps in
                                   Step 1 -> Data explosionion and Preparation.
                                   Step 2 > Missing Value treatment.
                                   Step 3 - Outher detection and Treatment
  on too part ( Ween Equation
                                   Step 4 -> Feature Engineering.
      11- mainly contains Uni-variate Analysis and Bi-variate Analysis.
      a) Univariate Analysis - Uni means One, so Single Variable Analysis.
           Measure of central tendency - Mean, Median, Mode
           1) Measure of data spread - Quarkle, percentile, Range, IQR, Boxplot, valiance, SD
          111) Variation between variables -> Covariance, Correlation Coefficient pearson, spearing
      IV) Measure distribution & peakness -> Skewness, Kurtosis
     b) Bivariate Analysis -> Bi meons Two, Two Variable Analysis
      Majorly two types of Data Variables are there Continuous & Categorical
      Possible Combination - ) Continuous Vs Continuous -> Correlation Coefficient.
                     11) Categorical Vs Categorical -> Chi-square test.
                   (n) Continuous Vs categorical -> T test (n < 30), Z test (n > 30)

ANOVA test.
                                                    ANOVA test.
      Step 2 -> Missing Value treatment
      Techniques for imputing Missing value -1) Continuous Data -> Mean/Median imputation .

11) Categorical Data -> Mode Imputation.
                                KNN Imputation.
      Outliers are the data point that differs significantly from other observation.
        1) Dother Detection techniques - Percentile, Box plot, Z Score
       1) Remove Outlier techniques - Capping based on Upper and Lower Range.
      Step 4 -> Feature Engineering
      Three major steps in Feature Engineering - Transformation, Scaling, Feature construction
       1) Transformation - To Normalize the data, Methods 71) Log 11) Square root include root
       1) Scaling - To standardize the data, Method > Min-Max Scales (Normal zation, standardize)
      111) Feature Construction - Creating feature based on orginal descriptors.
                               Methods - Binning, Freeding
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