1. What is the difference bretween Univariate Bivariate and multivarrate analyers in EDA analysis.

a) Univariate: - A statistical method used to describe and summarize a sigle variable within a dataset. - It is crucial step to gain insights into the distribution, central tendency and description dispension of a rain' variable. b. Birarate: - A statistical method used to examine the relationship between two variables within a dataset. - It is escencial for understanding how variables interact and influence each other. determine the relationship to among multiple rariable Simultaneous by. -It is essencial for understanding how variables interact and influence each other in a complex manner.

Assignment 2. Victor Opili BSE-05-0129/2022 3. What is an outlier and how to identify them. @ In outlier is a data point that significality differs from the other observations in a dataset. They can indicate variability in your data errors or interesting plenomena. They can be identified using the following methods as Visual methods like: in Box plots and Scatter plot. b. Statistical methods such as the Z-score which indicates how many standard deviations a date point & from the mean. c. Rule of Thumb. Standard Deviation: Any data point an incre then two standard deviations away from the mean can be flagged out as an outlier.

Assignment 2. Victor Opili BSE-05-0127/2022 21 During the data preprocessing, step, how should one treat missing/null values? How will you deal with them? a lolentifying missing values

b. Removing missing values This can be done aby drapping rows or columns. a. Imputing missing values fill will a specific do Replacing missing values with the most frequent Letter Institute James A Later