

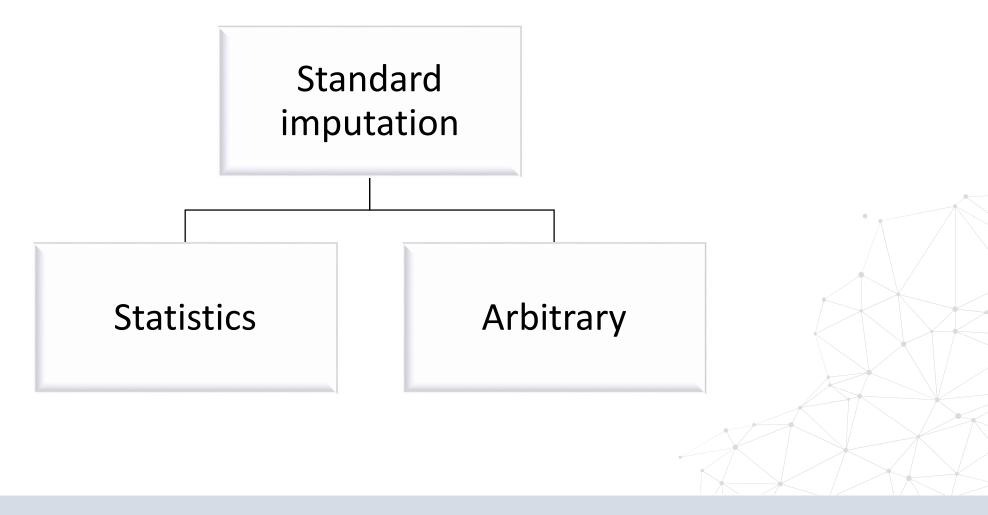
## Missing Data Imputation

• Imputation is the act of replacing missing data with statistical estimates of the missing values.

 The goal of any imputation technique is to produce a complete dataset that can be used to train machine learning models.

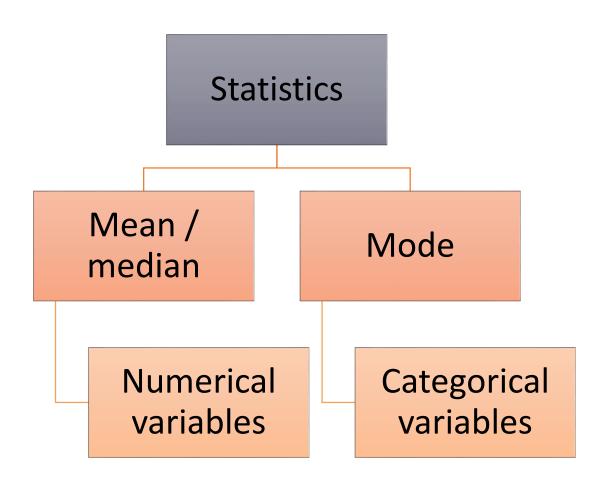


# Standard Imputation Methods



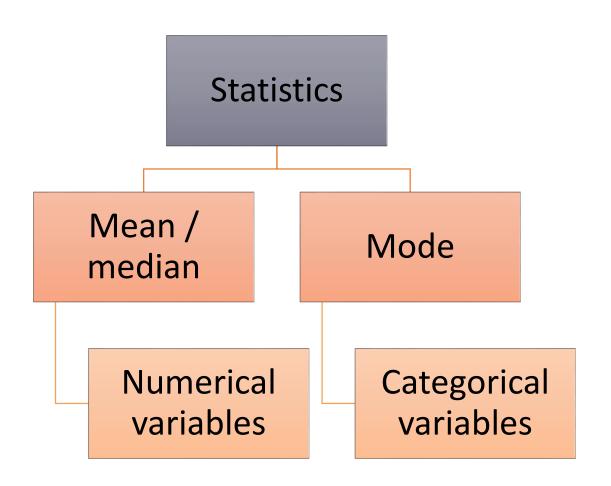


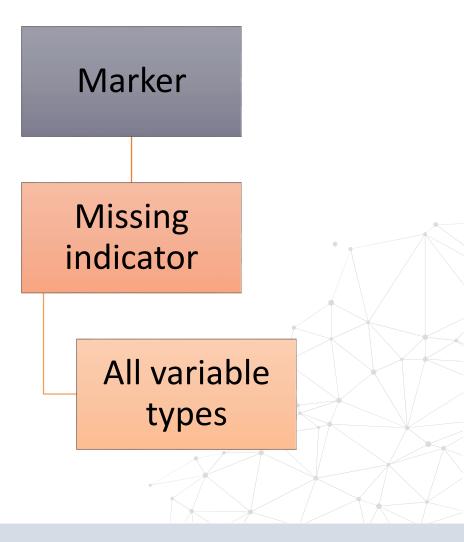
#### **Statistics Based Methods**



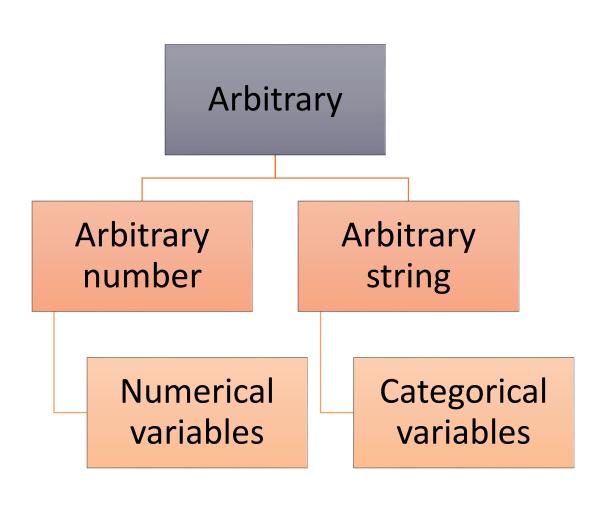


#### **Statistics Based Methods**



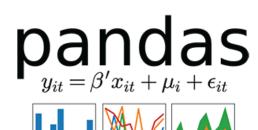


# **Arbitrary Values**





### Imputation: Open Source Libraries



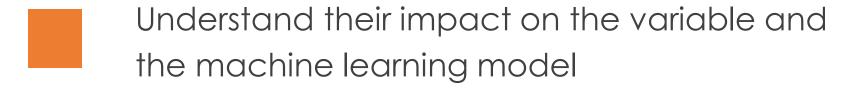






## **Objectives**





Implement them in pandas, Scikit-learn and Featureengine





# THANK YOU

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