

INTRODUCTION:-

KNNImputer by SciKit-learn is widely used method to impute missing values. It is widely being observed as a replacement for traditional imputation techniques.

In today's world data is being collected from a number of source and is used for analysing, generating insights, validating theory and whatnot. This data collected from different source may often have some information missing. This may be due to a problem in the data collection or extraction process that could be a human error.

Dealing with these missing values thus becomes an important step in data processing. This choice of method of imputation is crucial since it can significantly impact one's work. Most Statistical and machine learning algorithm works on complete observation of a data set. The best way is to impute these missing observation with an estimated value.

For this we use the very popular KNNImputer by SciKit-learn K-Nearest Neighbors Algorithm.