. Introduction to K-Neavest Neighbors. The Pdea Ph KNN methods is to
Pdentify 'K' samples in the dataset
that are similar or dorse in the
uspace. Then we use the 'K' Samples to estimate the Value 9 the missing data points. Each Samples on issing Values are imputed using the mean Value of the 'k' neighbors I found in the data sot. 15 DISTANCE CALCULATION INTHE PRESENCE OF MISSING VALUE!real world application. Since the performa once a data movers algorithm depends
critically on it being given a good
metric over the input space we deade to défine a distance function for bandabiled dataset with missing 25 Values. According to this distance the distance between two points without messing, attributes value Ps simply the Mahalanobis distance Our distance in general can be used as a part of any algorithm that Computes He distance between data point. On these data sots We stimulated messing values and Compared the performe of the KNN classifier. wary own distance to