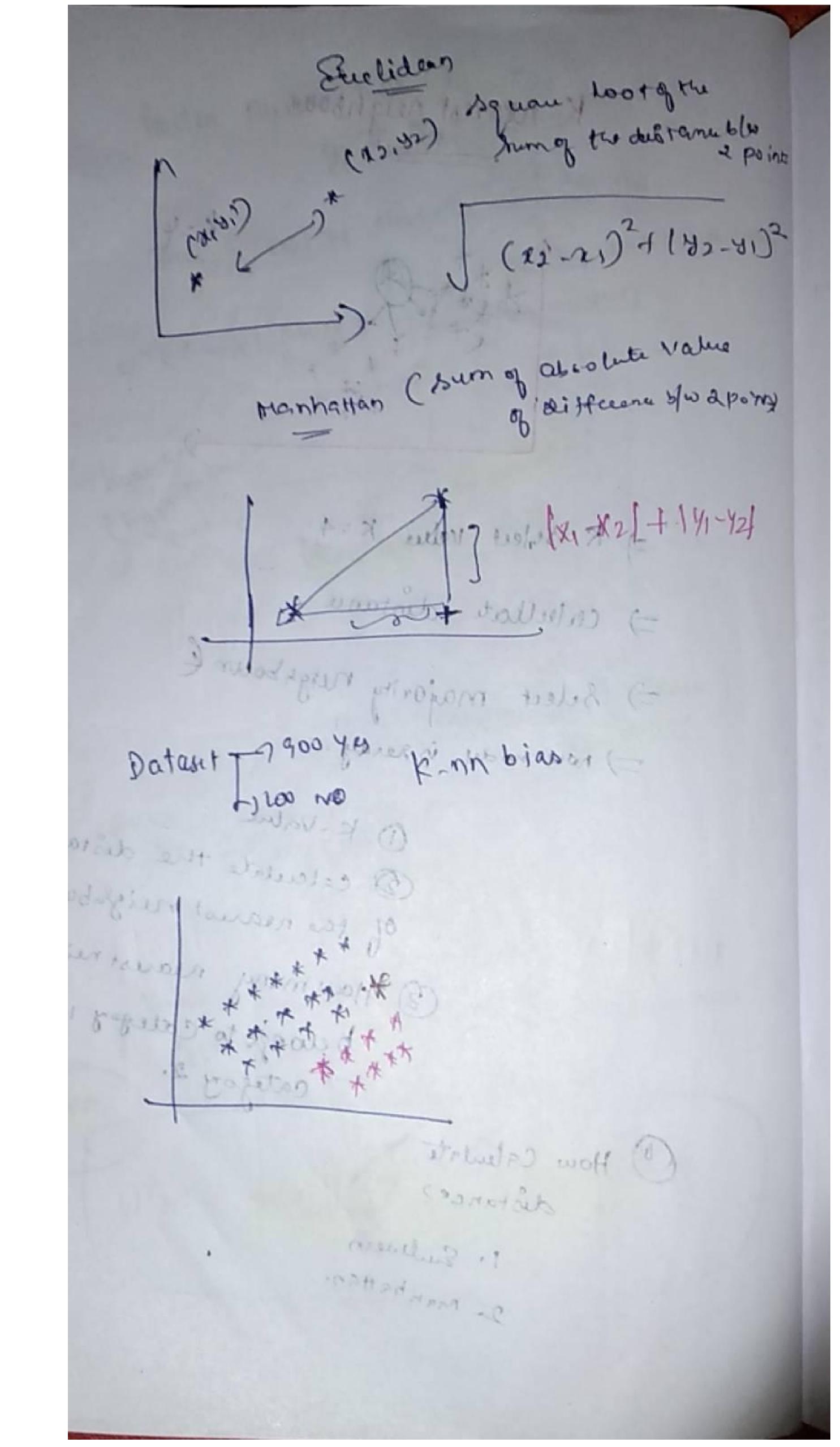


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K is a number resed to identity
similar neighbour foir a new data point The decision is based on feature similarity Similar to k-means cleaters Advantage:

Juned for both classification of fegression.

Simple algorithm henry easy to interpret the pudiction > Training step faster -) non-parametric 1 somakes no assumption about the undulying data patterns disadvantages =) High menony lywiremens as know has 6 Store all dara points =) Prediction Stage Costly. Senstive to Outliers impacted by noice or irrelevent data

phitrolli at bosts Thus state were a 100 Bread un supervoved Supervised clarsifications clusteurg. of nearest neighbors ha of cluster. couldiburg sur tuquet Ni rotant area party