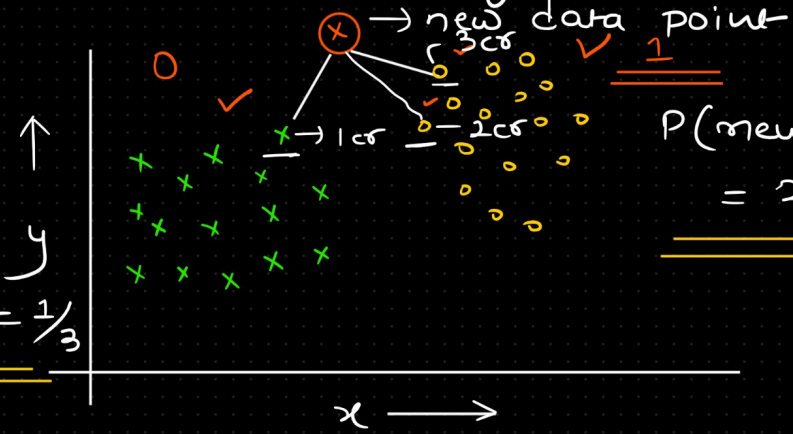


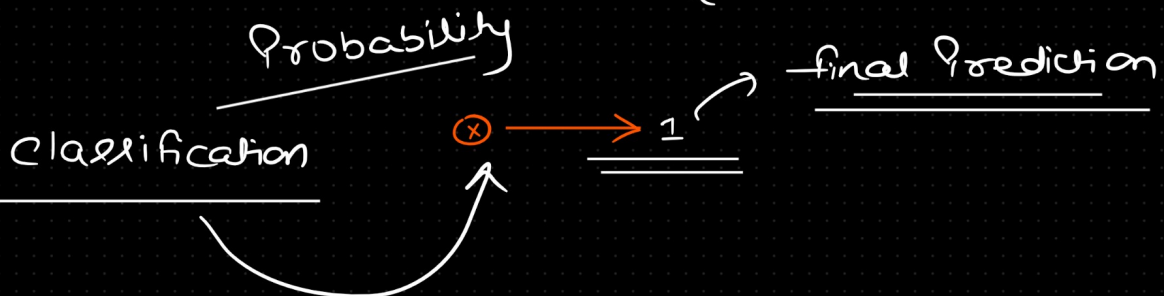
KNN (K-Nearest Neighbours)

$$\underline{\underline{k = 3}}$$

$$P(\text{new data point} | 0) = \underline{\underline{1/3}}$$



$$P(\text{new dp} | 1) = \underline{\underline{2/3}}$$



Regression

Mean

$$\underline{\underline{\text{avg} \rightarrow \frac{(1c0 + 1c1 + 3c1)}{3}}}$$

$$\underline{\underline{\rightarrow 2c1}}$$