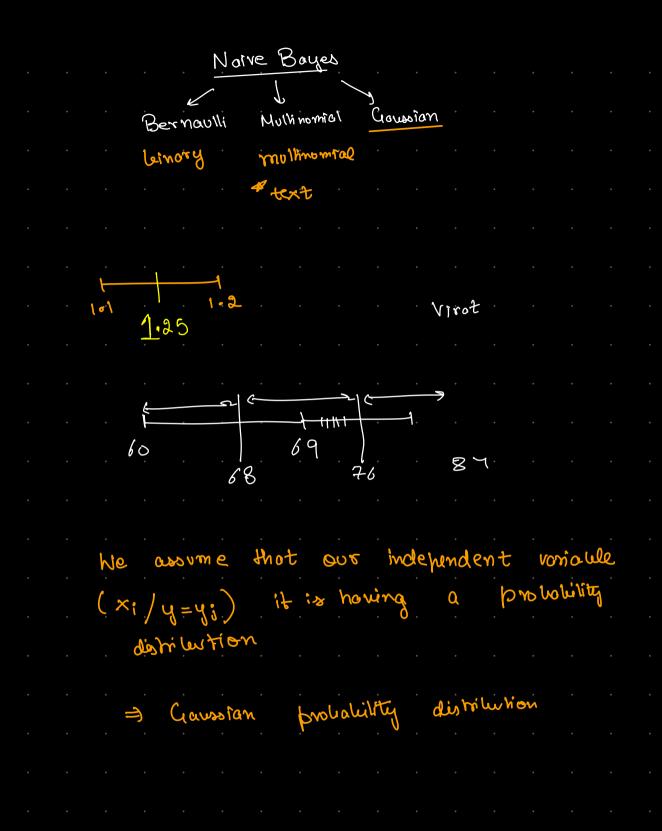
## Erenano Welcome

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### Normal Distribution Formula

The probability density function of normal or gaussian distribution is given by;

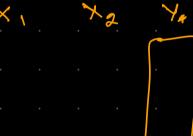
$$f(x,\mu,\sigma) = \frac{1}{\sigma\sqrt{2\pi}}e^{\frac{-(x-\mu)^2}{2\sigma^2}}$$

### Where,

- x is the variable
- μ is the mean
- σ is the standard deviation

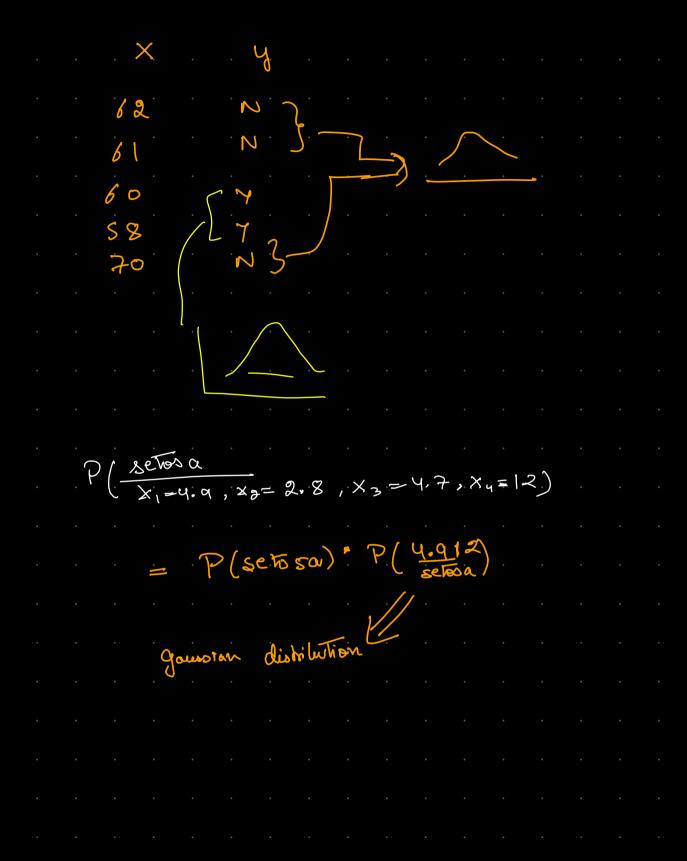
# So goussian

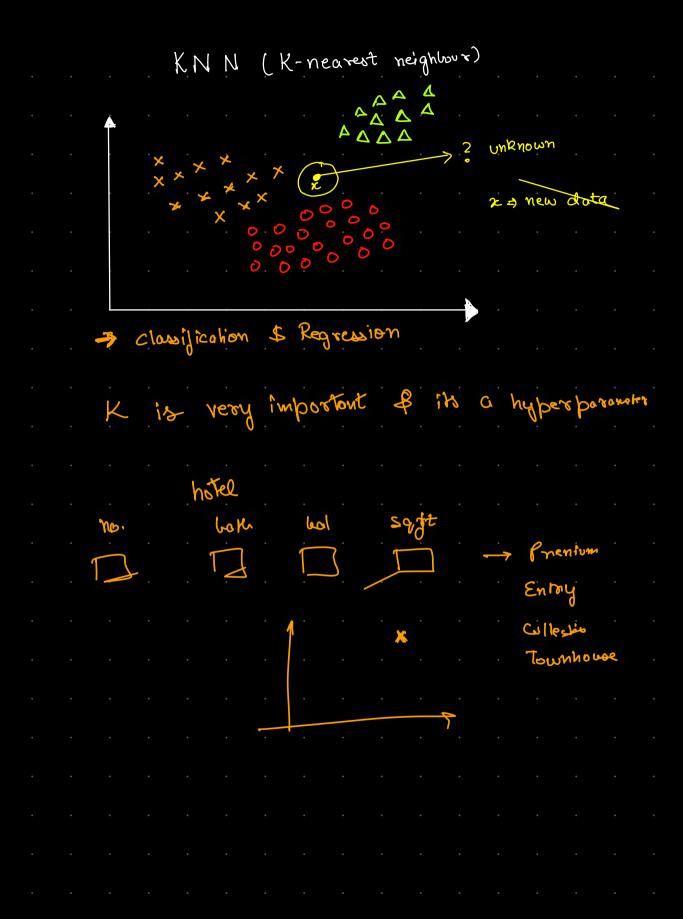
equi/probability distribution

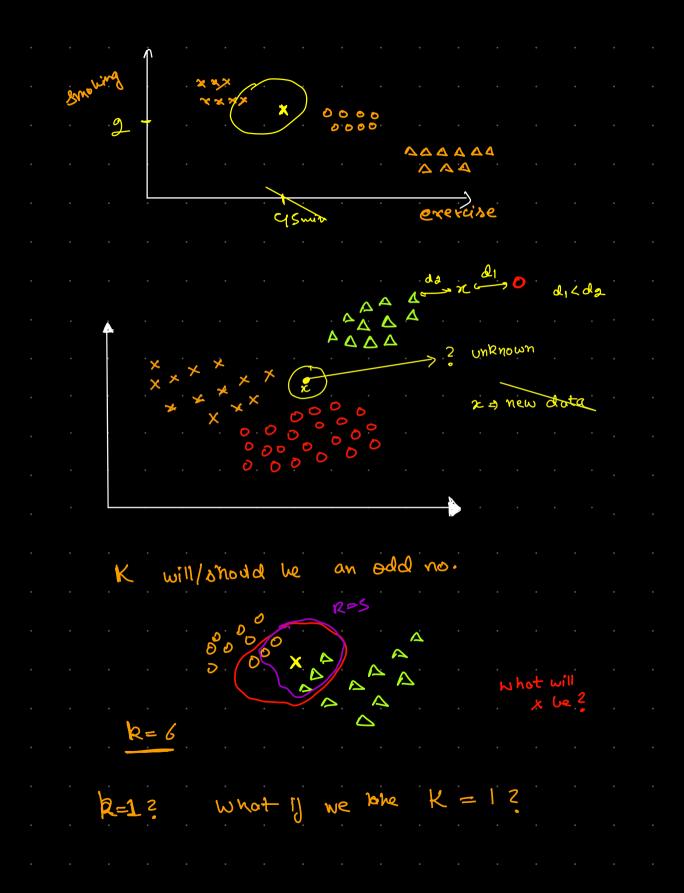


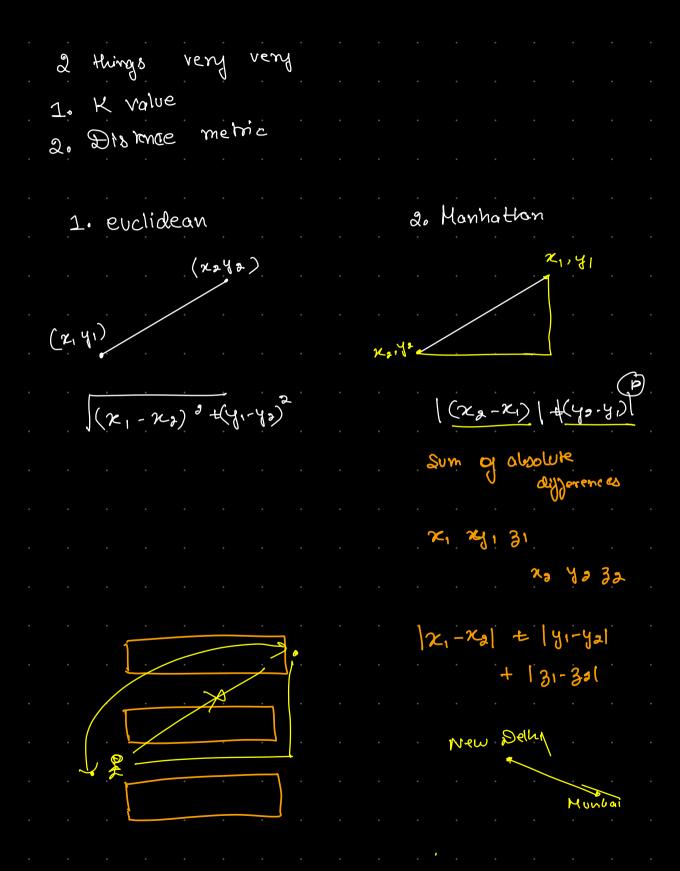


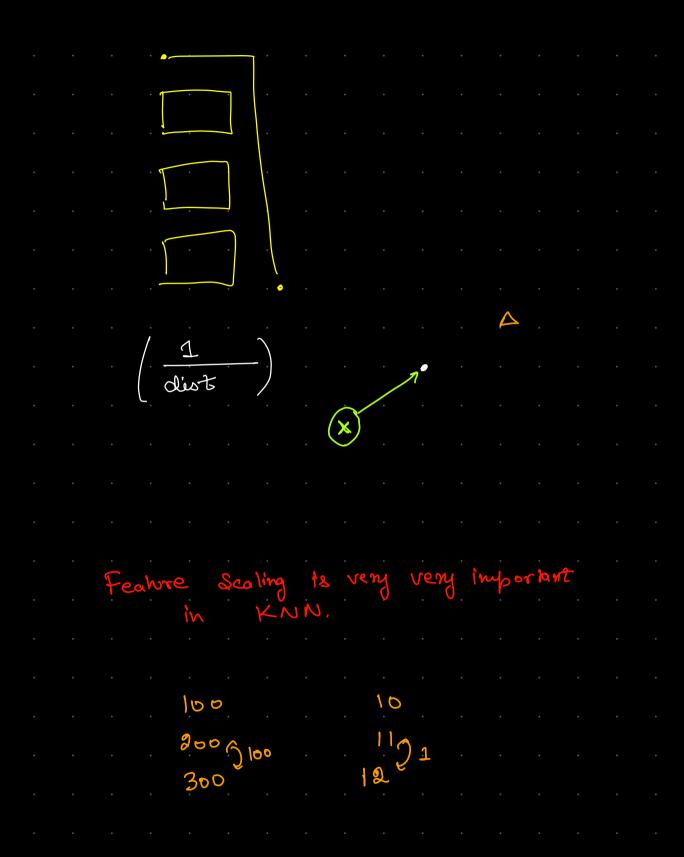
We find mean and variance for a porticular independent variable







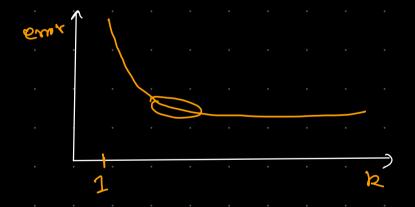


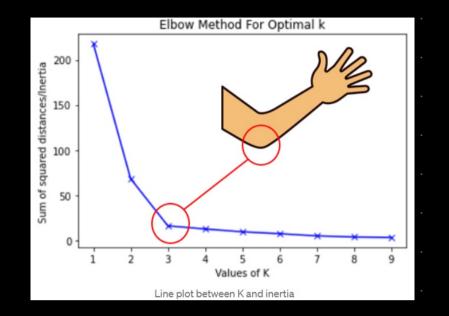


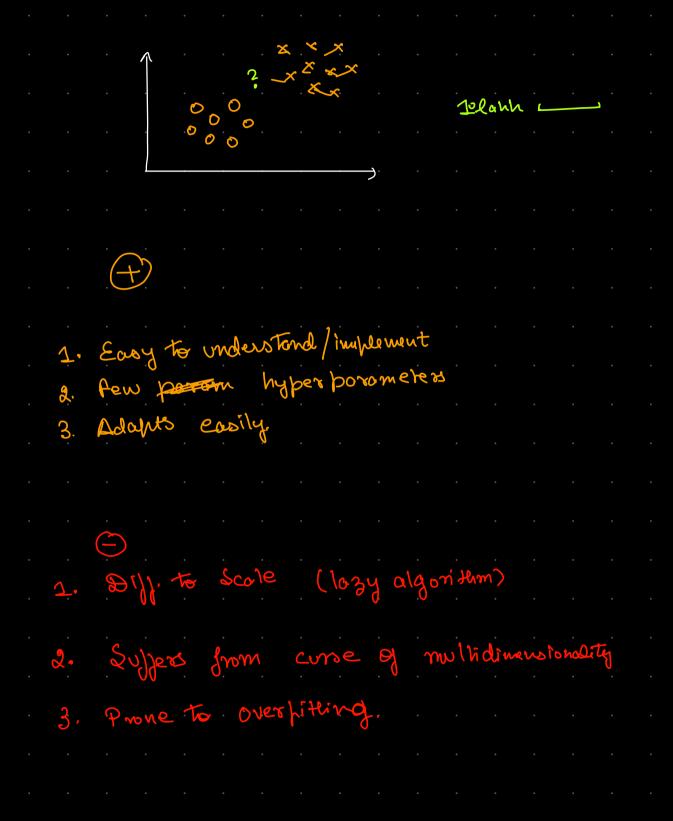
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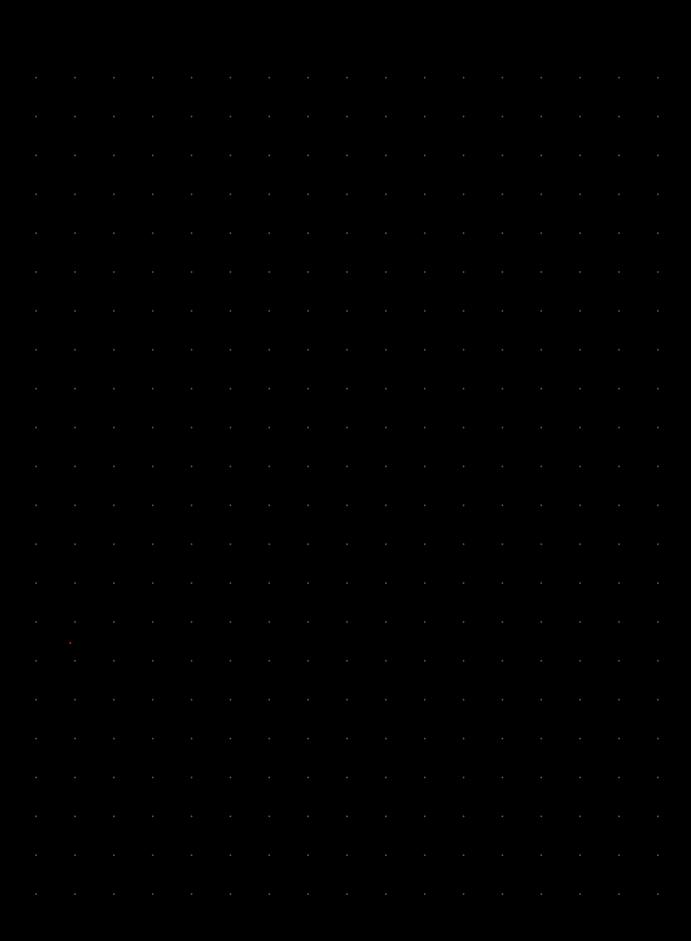
# How to select K value?











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