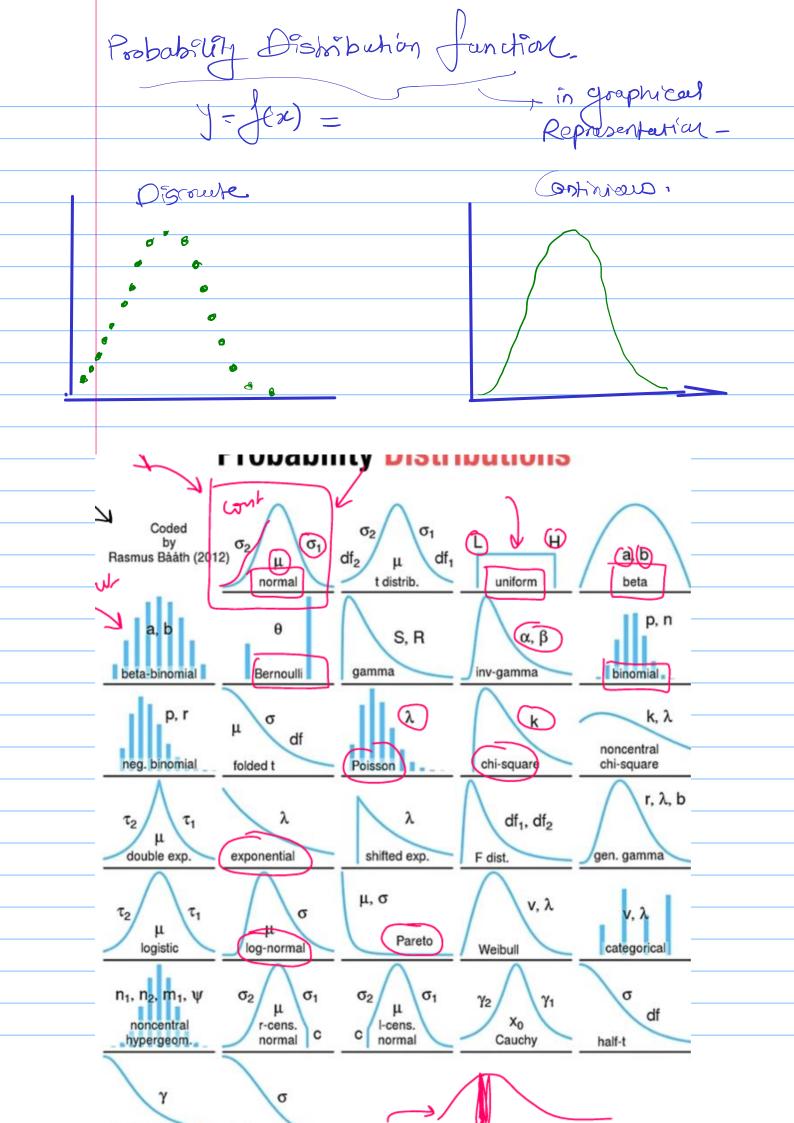


## Probability Distruction

What are	Probability	Distributions?
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	What are Probability Distributions?								
	A probability distribution is a list of all of the possible outcomes of a random variable along with their corresponding probability values.								
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	Probability Distribution Forction = PDF
	Poolbalai lity poo balai lity
ť	Mass Donsity Continuous Function (Discrete)
(	PMF) (PDF)
	Cammulative
	Ofsm both
	Function.
	A probability distribution function ( is a mathematical function that describe the probability of obtaining different values of a random variable in a particular probability distribution.
	PMF
	PMF stands for Probability Mass Function. It is a mathematical function that describes the probability distribution of a <b>discrete random variable</b> .
	The PMF of a discrete random variable assigns a probability to each possible value of the random variable. The probabilities assigned by the PMF must satisfy two conditions:
	a. The probability assigned to each value must be non-negative (i.e., greater  than or equal to zero).  b. The sum of the probabilities assigned to all possible values must equal 1
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