**6.Symetric Distributions...**

What are the examples of symmetric distribution? What are some of the properties of a normal distribution? What is the difference between normal distribution and standard normal distribution?

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A symmetric distribution is a type of distribution where the left side of the distribution mirrors the right side. Give examples from both discrete and continuous distributions. Specifically, explain the properties of a normal distribution. Why do we use standard normal distribution?Hint: normal, uniform, binomial, unimodal, bimodal, skew, symmetrical, central tendency, standard normal, z-score, probability, parameters, mean, standard deviation, standardizing.