**Normal Distribution**

 What is the Normal Random variable?

- A continuous random variable "X" is said to be a normal random variable. If its range is and its probability density function has a bell-shaped curve.



What is the standard normal distribution with 



 If Z is a standard normal random variable , find:






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iv) P(Z≥ -0.84)





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 What is the value of the real number k which satisfies:


 If Z is a standard normal random variable. Find the value of k , if:






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 If X is normally distributed with = 50 and variance 100 Find:








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