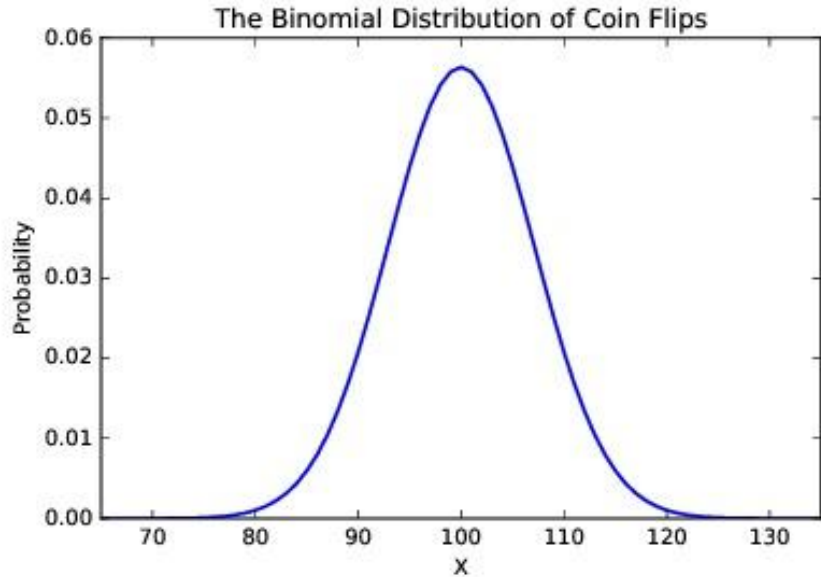
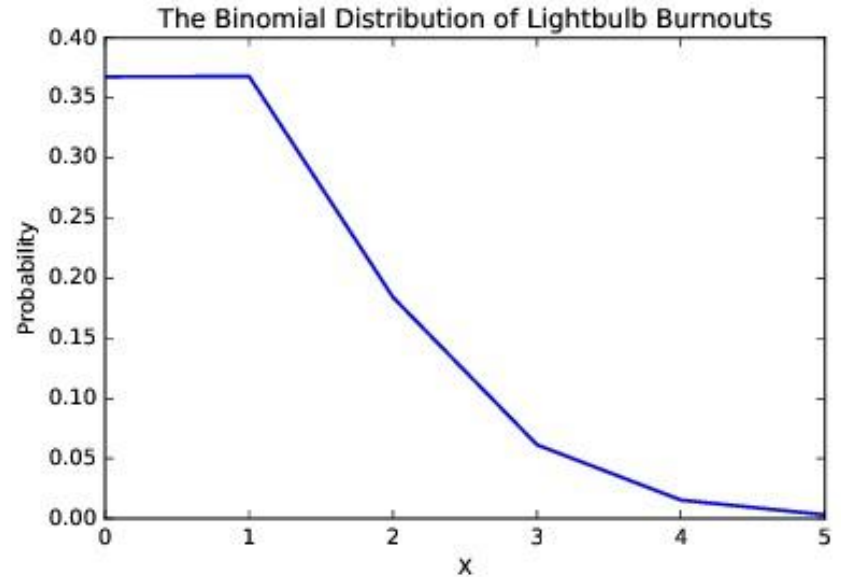


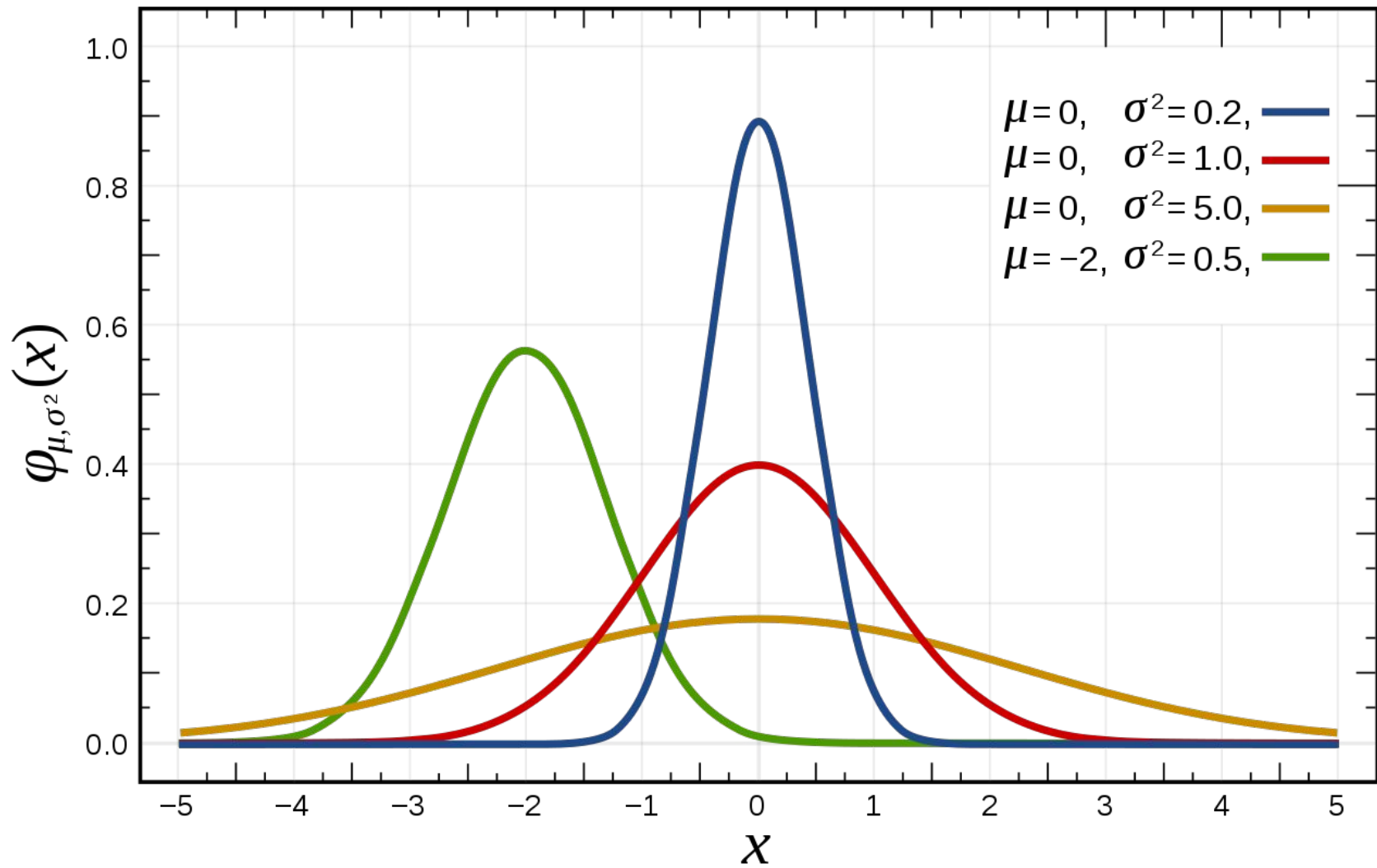


Coin flips:  $p=0.5$   $n=100$

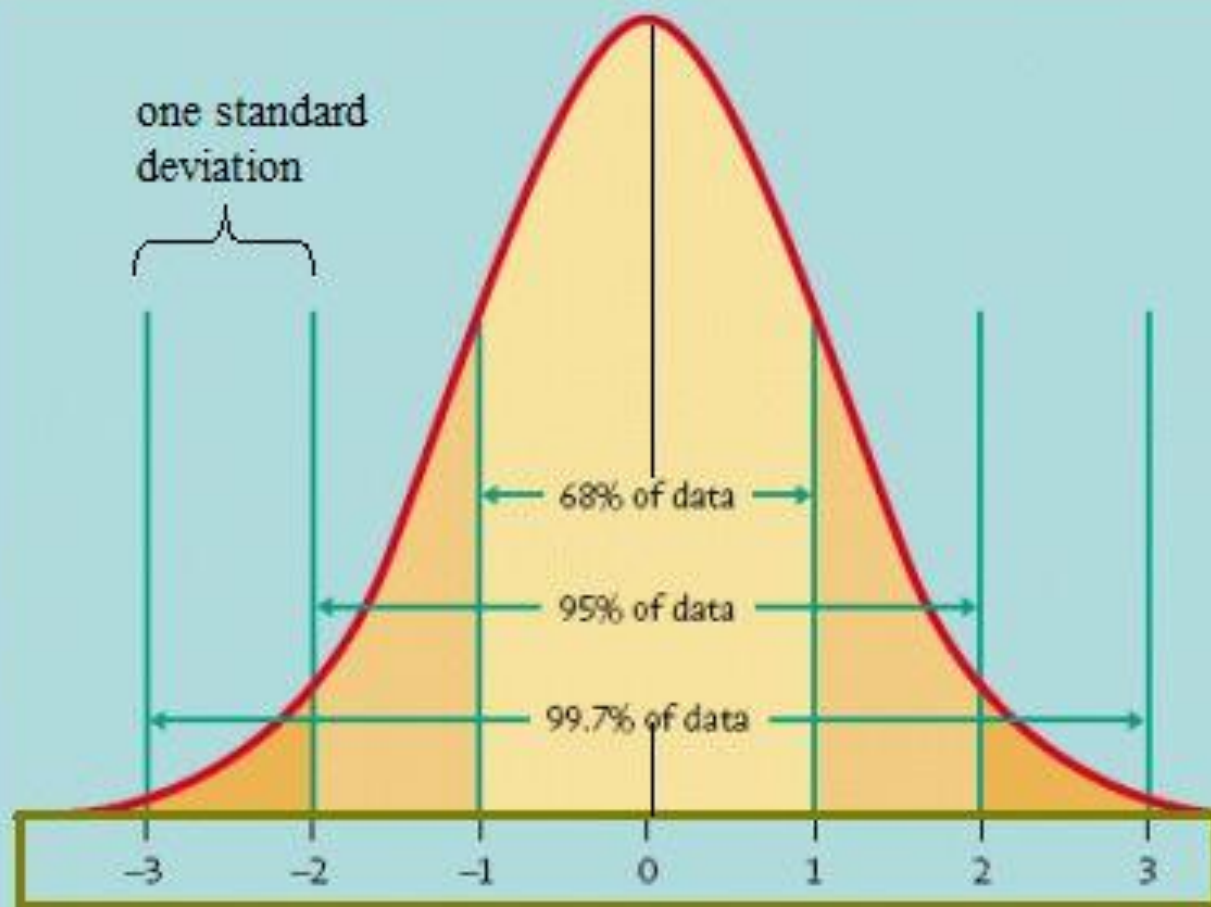
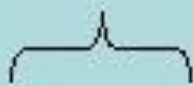


Lightbulb burnouts:  $p=0.001$   $n=1000$

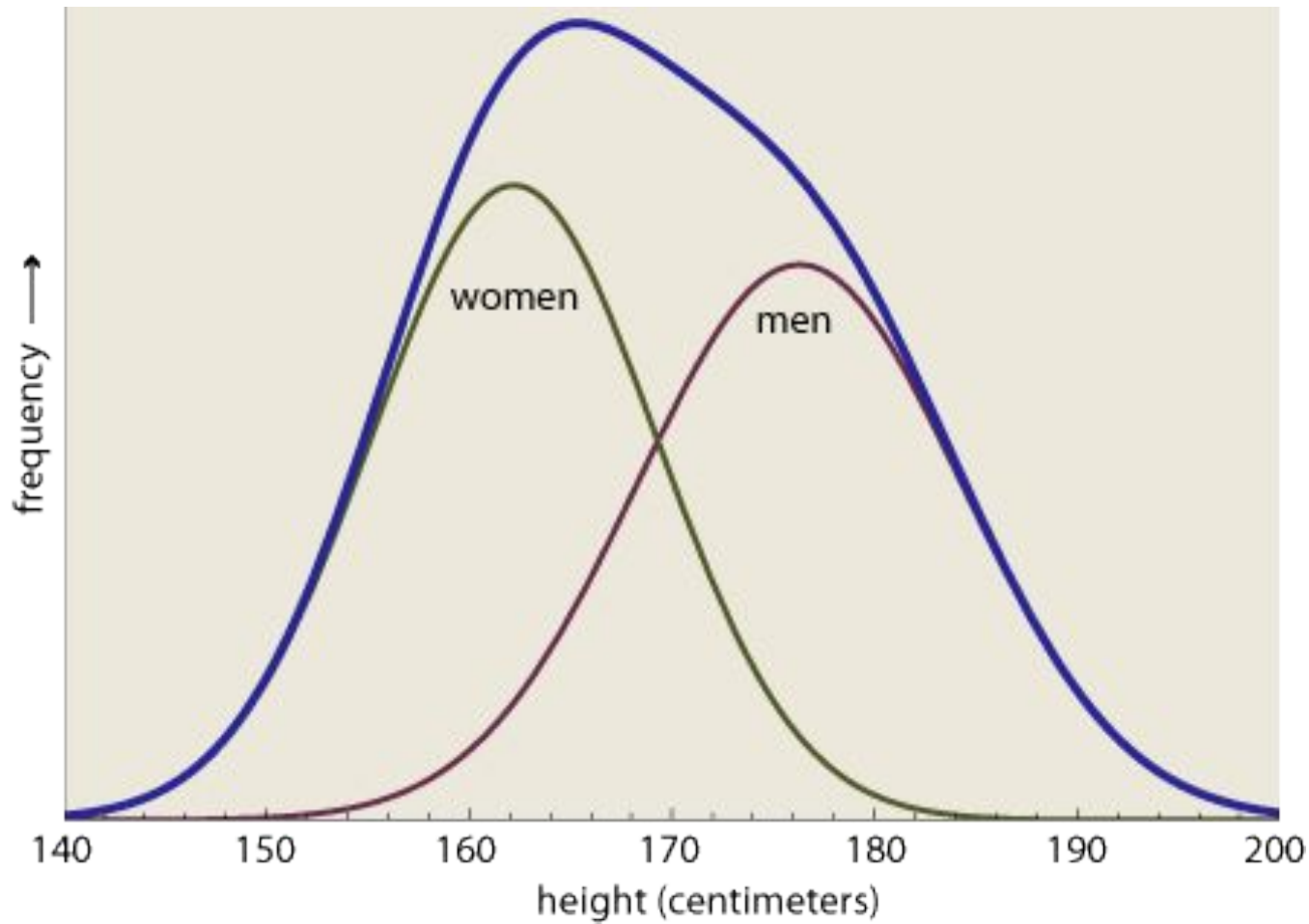


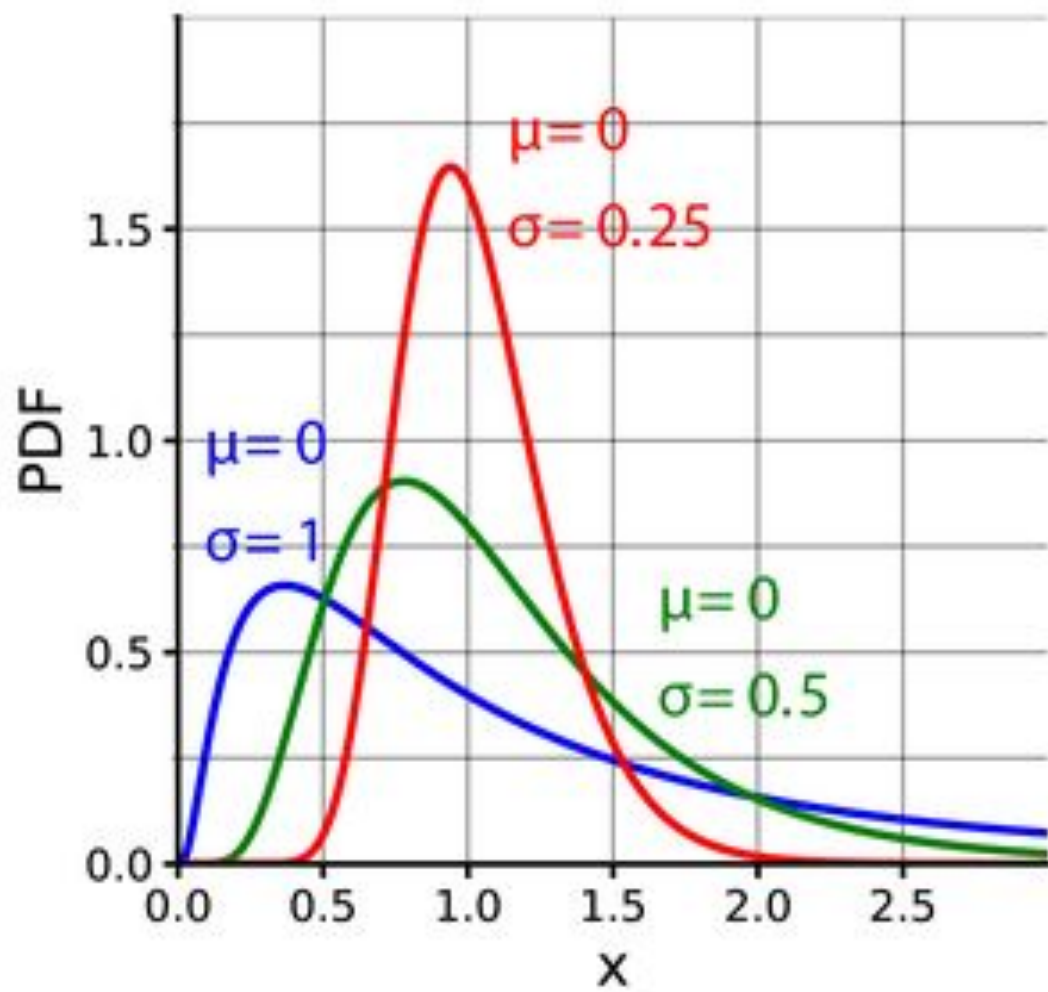


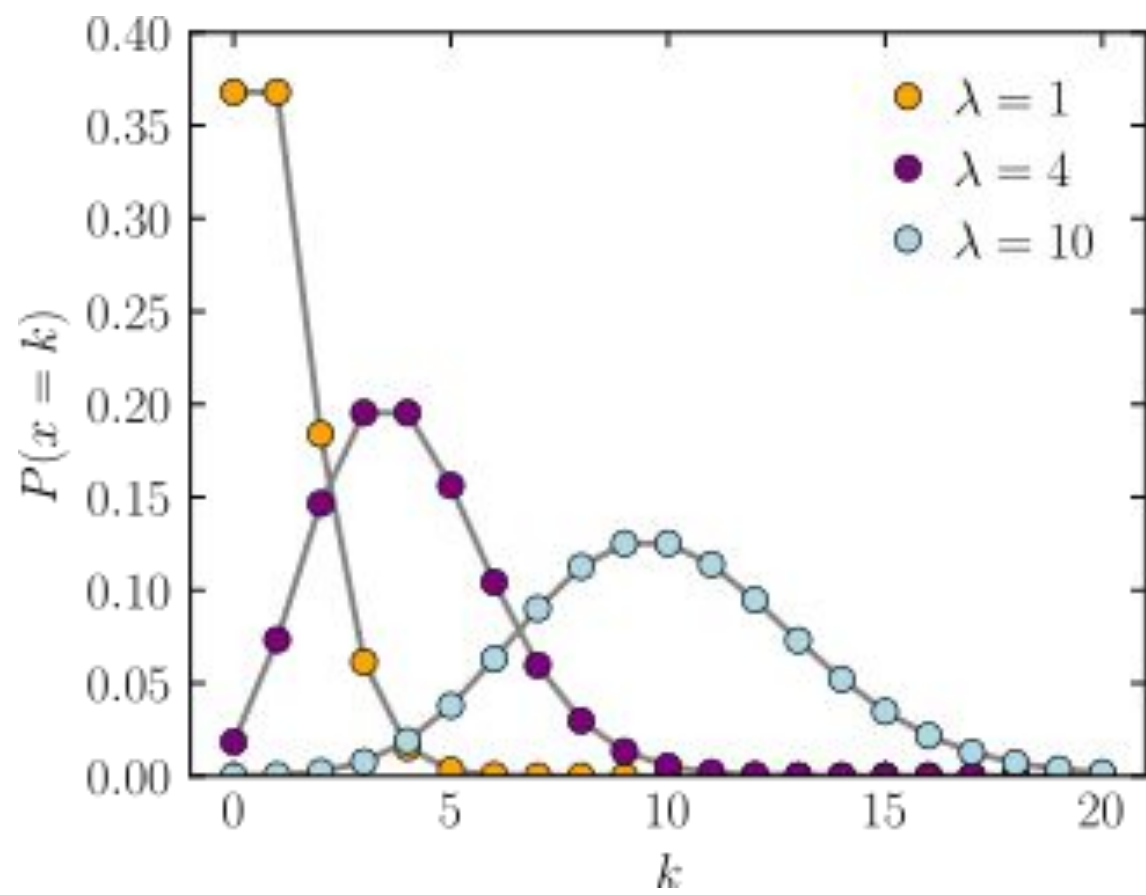
one standard deviation



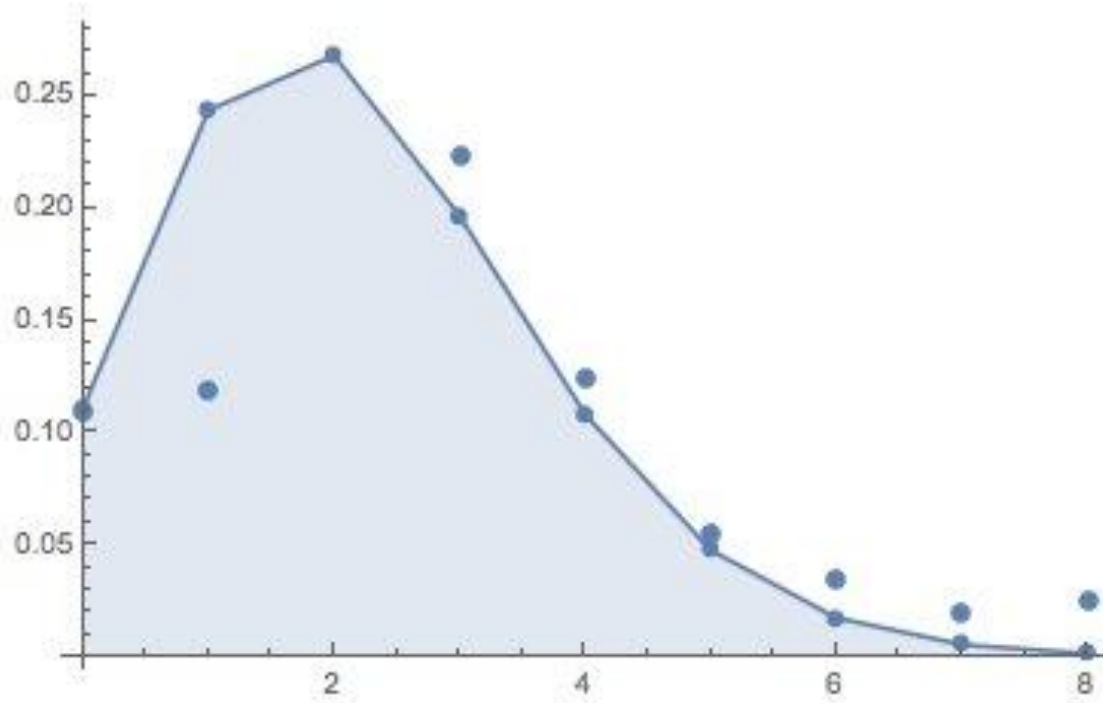
$$z = \frac{x - \mu}{\sigma}$$







## Distribúcia počtu detí v rodine (USA, census 2010)





# Lineárny a log-log plot distribúcie veľkosti miest

