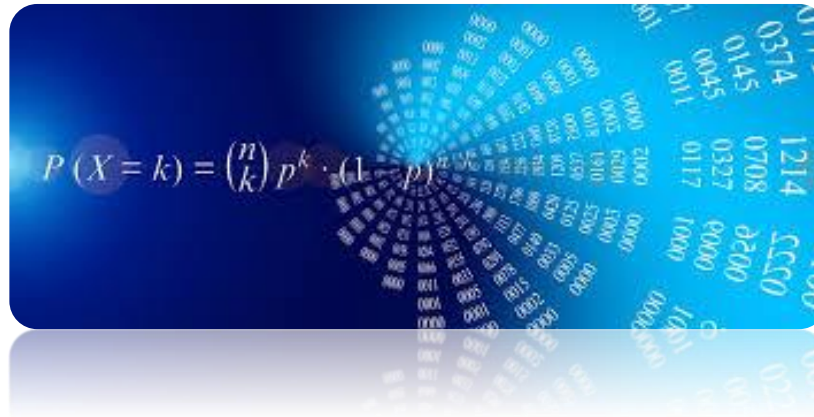


بسم الله الرحمن الرحيم


$$P(X = k) = \binom{n}{k} p^k \cdot (1 - p)^{n-k}$$