References:

Balani, B. (2022). *Probability Trading: Understanding, Formula, Application, Types, and Properties*. QuantInsti. https://blog.quantinsti.com/probability-trading/

Brett, B. (2017). *Combinations vs Permutations.* Medium. https://medium.com/i-math/combinations-permutations-fa7ac680f0ac

Geeksforgeeks. *Permutation and Combination in Python.* https://www.geeksforgeeks.org/permutation-and-combination-in-python/

Henry, G. (2019). *A Biased Coin Toss*. Medium. https://medium.com/@hjegeorge/interview-question-1-a-biased-coin-toss-9dc2af96321

Julie, Y. (2023). *Discrete Probability Distribution: Overview and Examples.* Investopedia. https://www.investopedia.com/terms/d/discrete-distribution.asp

Prashanth, G. *Biased Coin Flipping simulation in Python.* Codespeedy. https://www.codespeedy.com/biased-coin-flipping-simulation-in-python/

Stackexchange(2021). *Lottery Discrete Probability Distribution.* https://math.stackexchange.com/questions/4270802/lottery-discrete-probability-distribution

Statistics. *Binomial Distribution: Formula, What it is, How to use it.* https://www.statisticshowto.com/probability-and-statistics/binomial-theorem/binomial-distribution-formula/

Studysmarter. *Probability Engineering.* https://www.studysmarter.co.uk/explanations/engineering/engineering-mathematics/probability-engineering/

W3schools. *Python math.comb() Method.* *https://www.w3schools.com/python/ref_math_comb.asp*