binomial_distributions

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1 Binomial Distributions

Use NumPy to create simulations and compute proportions for the following outcomes. The first one is done for you.

1.0.1 1. A fair coin flip produces heads

Out[15]: 0.49986900000000001

1.0.2 2. Five fair coin flips produce exactly one head

1.0.3 3. Ten fair coin flips produce exactly four heads

1.0.4 4. Five biased coin flips with P(H) = 0.8 produce exactly five heads

1.0.5 5. Ten biased coin flips with P(H) = 0.15 produce at least 3 heads

In []: