Problem 3 Homework 7 Latex Coin Toss Sim

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This is a program that contains a function that simulates 100 coin tosses. The function named toss(numoftoss) takes in one argument the number of tosses. It then creates a numpy array of multiple number between 0 and 1. After that it checks those that are above .5 and the those that are below .5. It then sums value to get the number of heads that are in the coin tosses. It produces the graph below.

$$\oint \mathbf{E} \cdot d\mathbf{l} = -\frac{d\Phi_B}{dt}.$$

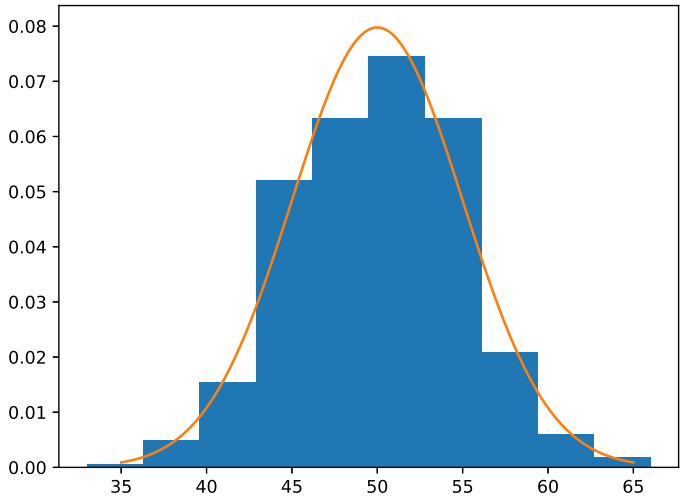

Figure 1: Data shown are averages of measurements gathered from the National Airport web site at one-hour intervals over a 67-day period. 1-σ error bars represent sample standard deviations. The data clearly indicate that the best time for sailing on the Potomac is mid-afternoon.

As you can see in Fig. 1, a LaTeX document can include EPS graphics. The author can rescale these figures from inside the document.

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