If you do not want to generate the JavaScript for such Apps by hand, ChancePlan.AI can automate the procedure.

Capacity Planning

You are planning capacity in the face of uncertain demand, but it is believed that the expected (average) demand will be 100,000 units. Click the checkbox to calculate results based on this average.

Since you expect demand of 100,000 you choose a capacity of 100,000, which leads to profit of $1 million. But this can't be the average profit because if demand is less than average you will make less than $1 million, and if demand greater than average, you are capped by your capacity.

Now uncheck the average box to see the true average profit. View profit for any of the 1,000 simulated demands with the controls at the top of the screen.

Set the inequality to < and the $800,000 to $0 to determine the chance of losing money.