



JOHNS HOPKINS
UNIVERSITY

BU 610.615

Simulation for Business Applications

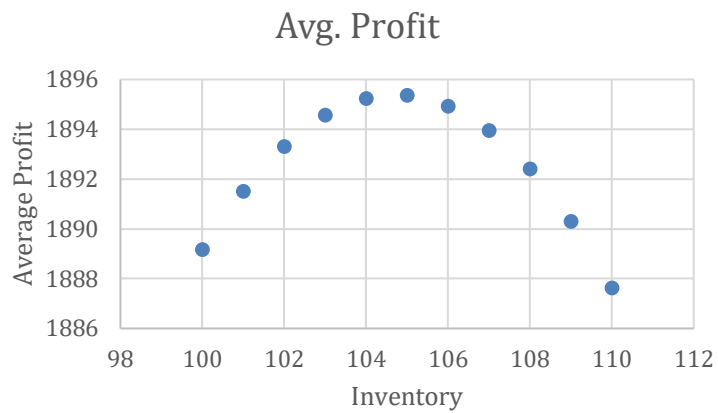
Homework 2

Name: Minghao Du

Class Section Number: BU.610.615.T1.SP21

Part A: Simulation Application Questions

2.



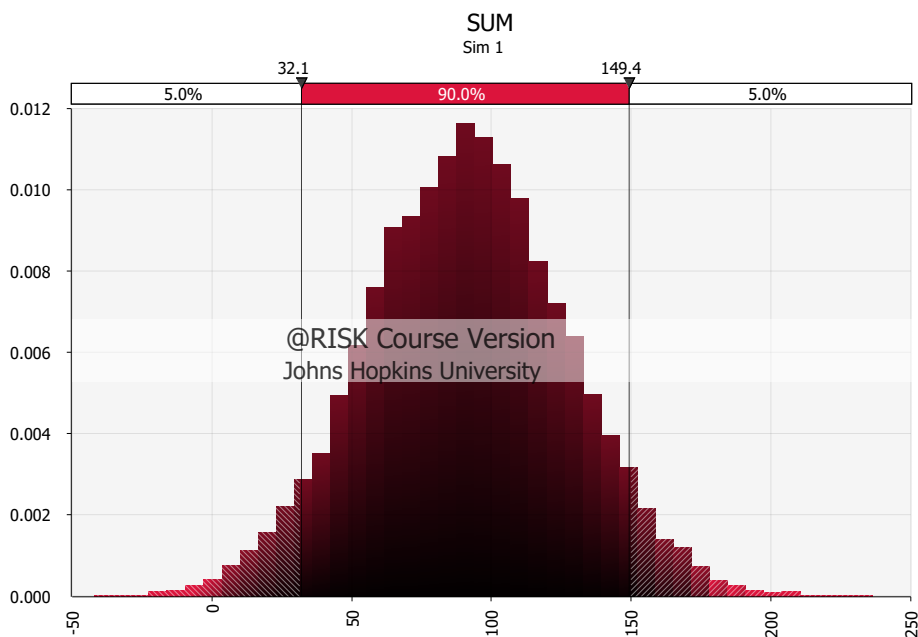
Having an inventory of 105 yields the best average profit

It's not efficient to manually punching in different numbers for each simulation.

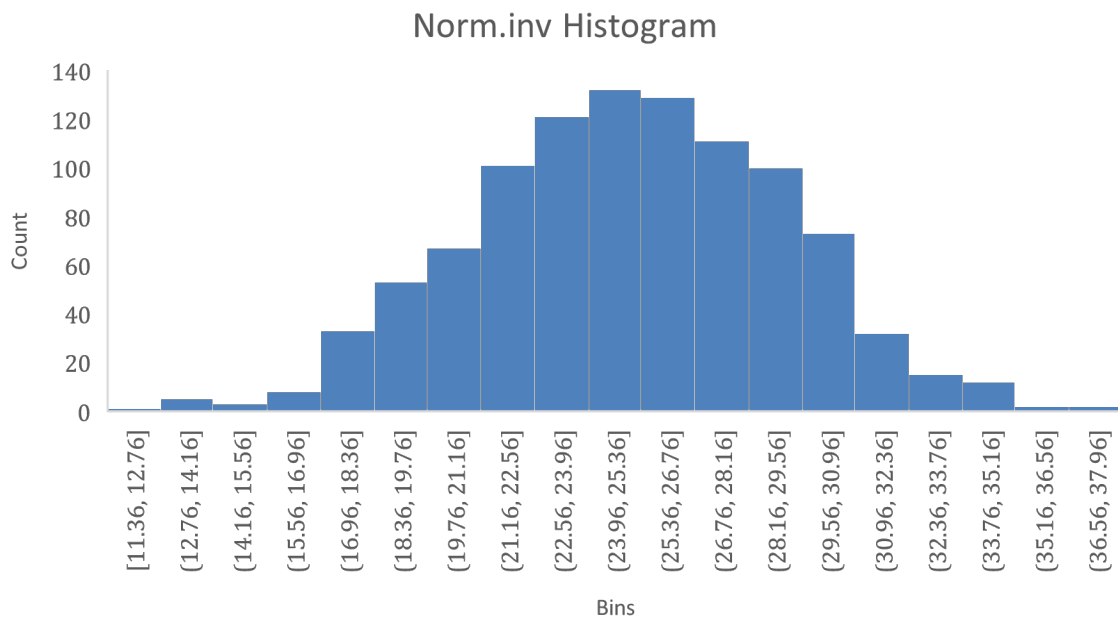
3.

- Mean: 91
- Std. dev.: 35.5
- 95th %: 149.39

Yes, the histogram does look like a normal distribution



4.



Yes, the histogram does look like a graph of normal probability distribution function