

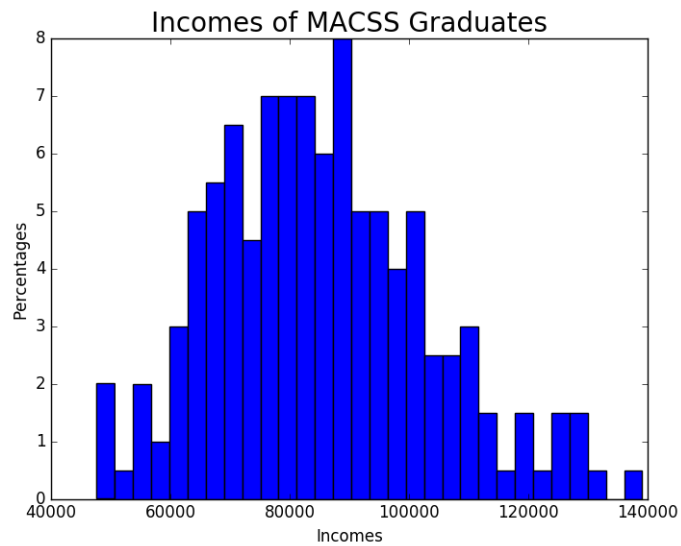
Problem Set #3

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1 Question 1

Part A



Part B

Returned array: $\begin{bmatrix} 1.94074838e^{-07} & 3.78322944e^{-08} \\ 3.37284530e^{-07} & 2.18887663e^{-07} \end{bmatrix}$

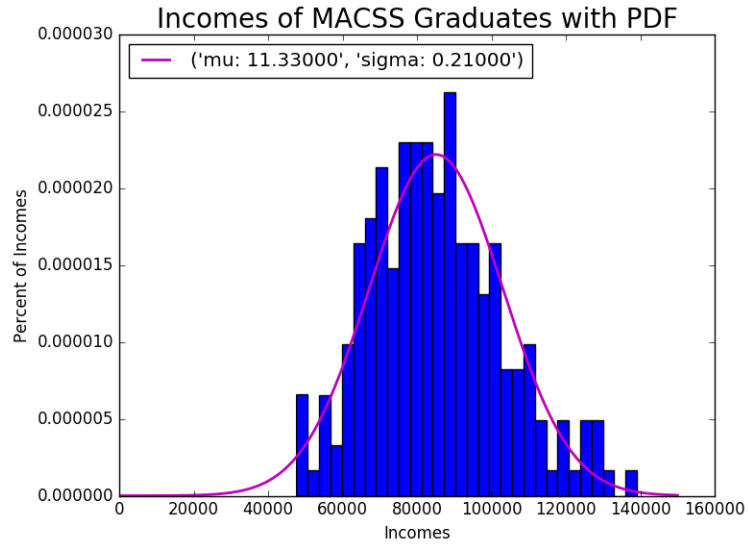
Part C

Value of SMM criterion function:

$$8.70906328573e^{-06} \quad (1)$$

Mean of points: 85276.8236063 , Standard Deviation of points: 17992.542128

Mean of model: 851000.9981474 , Standard Deviation of model: 17992.8576417



Part D

Value of SMM criterion function:

$$109.33209622 \quad (2)$$

Mean of points: 85276.8236063 , Standard Deviation of points: 17992.542128

Mean of model: 85316.196038 , Standard Deviation of model: 18146.8750965

