**8.How to visualize the data using Box plot in python?**

**Objective:**

* To visualize the variable using box plot in python.

**Process:**

* Call box plot method plt.boxplot() from matplotlib.pyplot.
* Pass a variable, what we want to visualize in box plot.
* Using box plot, we can examine the outlier values in our data set.

**Input:**

* Data set.

**Output:**

* Box plot visualization.

**Source code:**

#imported libraries

import matplotlib.pyplot as plt

import pandas as pd

#read CSV file

data=pd.read\_csv('/home/soft27/soft27/Sathish/

Pythonf iles/Employee.csv')

#create the Data frame

df=pd.DataFrame(data)

#calling the box plot method

plt.boxplot(df['Salary'])

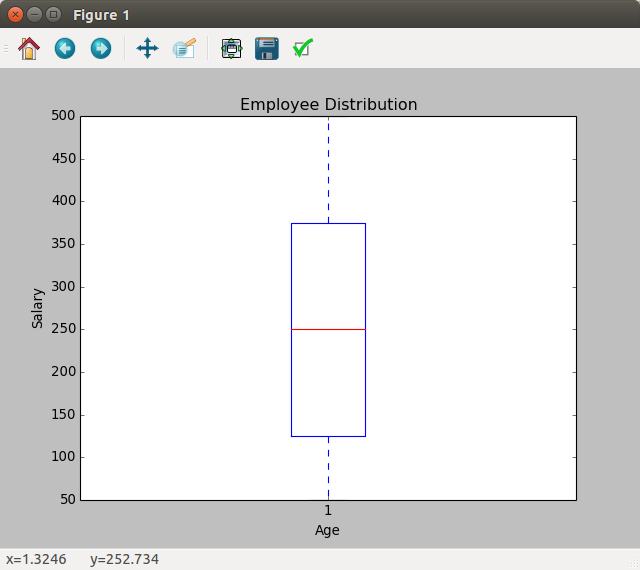
plt.title('Employee Distribution')

plt.xlabel('Age')

plt.ylabel('Salary')

plt.show()

**Screen shot:**

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