**11.How to visualize the sample data using pie chart in python?**

**Objective:**

* To visualize the sample data in pie chart using python.

**Process:**

* Import matplot library and then import subpackage pyplot.
* Load the data set.
* Take two variables in the sample data.
* Pass it into the pie chart method plt.pie(Arguments).

**Input:**

* Data set(sample)

**Output:**

* Pie chart representation for the given variables in a sample data.

**Source code:**

#import library

import matplotlib.pyplot as plt

import pandas as pd

#10 sample data

data={'name':['sathish','raj','raja','krishna','yusuf',

'praveen','sangee','ezhil','dinesh','ganesh'],

'salary':[100,200,300,400,500,400,300,200,100,50],

'age':[25,26,25,23,30,29,23,23,25,25],

'rating':[4,3.24,2.5,2.25,2,2.25,2.5,2.75,3.2,4.2],

'bonus':[2500,1200,900,3000,1800,1400,850,250,750, 1000]}

#creating data frame

df=pd.DataFrame(data)

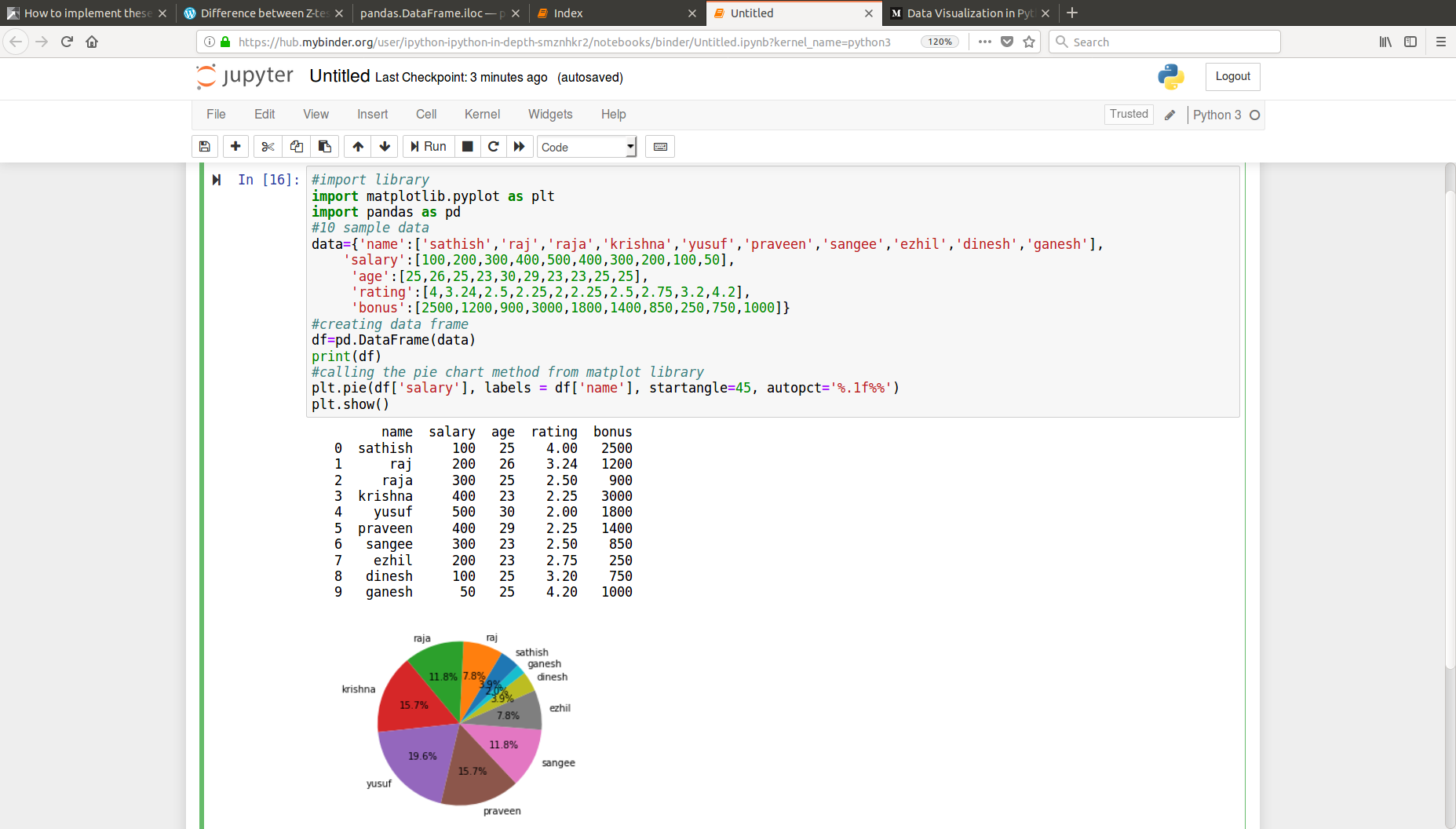
print(df)

#calling the pie chart method from matplot library

plt.pie(df['salary'], labels = df['name'], startangle=45, autopct='%.1f%%')

plt.show()

**Screen Shot:**

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