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Assignment: Week3_4 - 2.2 Visualization Tools

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```python
In [1]:   # Import libraries
          import csv
          #import xlrd
          import pandas as pd
          import matplotlib.pyplot as plt
          from datetime import datetime as dt
```
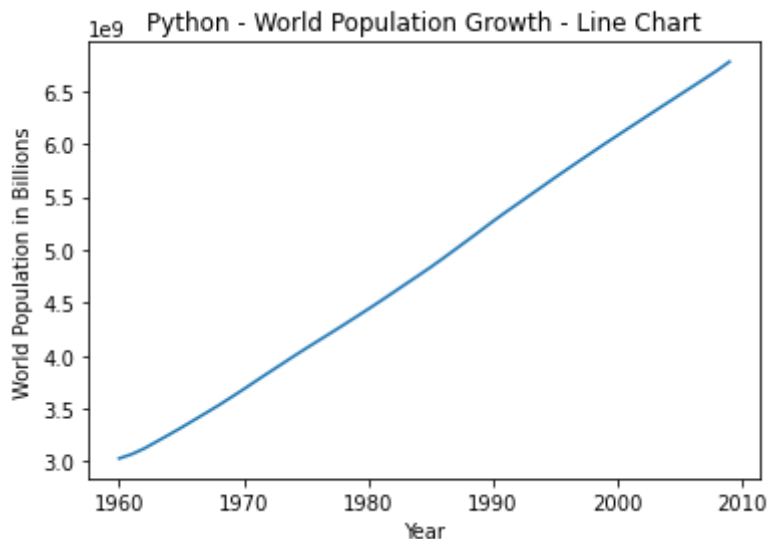
```python
In [2]:   # Read world population data
          fileData1 = 'ex2-2/world-population.xlsm'
          population = pd.read_excel(fileData1)
          print(population.head())
```

```
   Year  Population
0  1960  3028654024
1  1961  3068356747
2  1962  3121963107
3  1963  3187471383
4  1964  3253112403
```
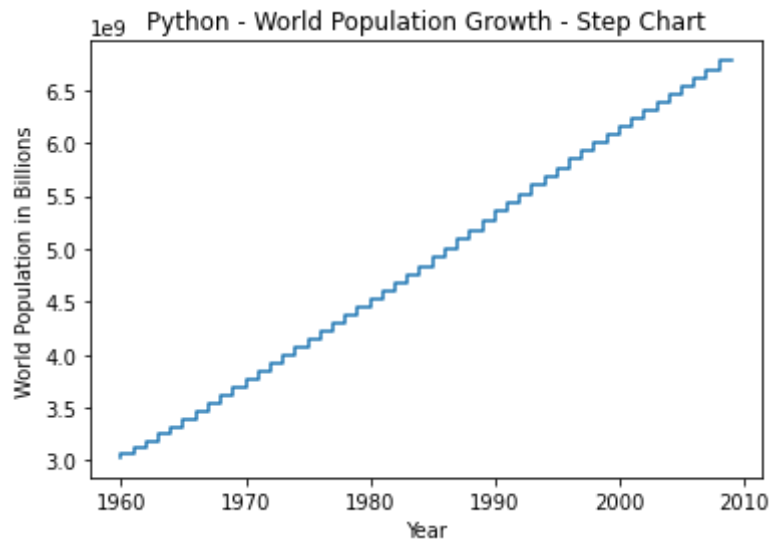
World Population data

Line and Step Charts

```python
In [9]:   X = population['Year']
          Y = population['Population']
          plt.title('Python - World Population Growth - Line Chart')
          plt.plot(X, Y)
          plt.xlabel("Year")
          plt.ylabel("World Population in Billions")
          plt.show()
```

In [10]:
```python
plt.title('Python - World Population Growth - Step Chart')
plt.step(X, Y)
plt.xlabel("Year")
plt.ylabel("World Population in Billions")
plt.show()
```


In [ ]: