



## Sizes: Instructions and Explanation

In this task, you will adjust the scatter plot to make bubble sizes reflect the population. You will use NumPy to manipulate the population data and update the plot accordingly.

## Concise Correct Answer

```
import numpy as np # Import NumPy
```

```
np_pop = np.array(pop) # Convert pop to NumPy array
```

```
np_pop = np_pop * 2 # Double the population values
```

```
plt.scatter(gdp_cap, life_exp, s=np_pop) # Update scatter plot with new sizes
```

```
plt.xscale('log')
```

```
plt.xlabel('GDP per Capita [in USD]')
```

```
plt.ylabel('Life Expectancy [in years]')
```

```
plt.title('World Development in 2007')
```

```
plt.xticks([1000, 10000, 100000], ['1k', '10k', '100k'])
```

```
plt.show() # Display the plot
```