



## Build a Histogram (1): Instructions and Explanation

In this task, you are asked to create a histogram to observe the distribution of life expectancy values across different countries using the 'life\_exp' data loaded from a CSV file.

Instructions:

- Use the provided code to load the data, create a histogram with 'plt.hist()', and display it with 'plt.show()'.
- Make sure not to redefine 'life\_exp' after loading it from the CSV file.

## Full Corrected Answer

```
import matplotlib.pyplot as plt; import importlib; importlib.reload(plt)
import pandas as pd
# Import necessary libraries and reload plt to clear previous plots
```

```
plt.clf()
# Clear the current figure to ensure no overlap
```

```
df = pd.read_csv('https://assets.datacamp.com/course/intermediate_python/
gapminder.csv', index_col=0)
# Load the Gapminder dataset, using the first column as the index
```

```
life_exp = list(df.life_exp)
# Convert the life expectancy data to a list
print(life_exp)
# Print the life expectancy values to verify the data
```

```
# Make sure not to redefine life_exp here
plt.hist(life_exp)
```

```
# Create a histogram of the life expectancy data
```

```
plt.show()
```

```
# Display the histogram to observe the distribution of life expectancy values
```