



Additional Customizations: Instructions and Explanation

In this task, you will add gridlines to your scatter plot to enhance readability. Use the `plt.grid(True)` function after adding the text labels for 'India' and 'China'.

Concise Correct Answer

```
# Scatter plot with customizations
```

```
plt.scatter(x=gdp_cap, y=life_exp, s=np.array(pop) * 2, c=col, alpha=0.8)
```

```
# Scatter plot with color and adjusted size
```

```
# Previous customizations: log scale, labels, and title
```

```
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'])
```

```
# Additional customizations: add text labels for 'India' and 'China'
```

```
plt.text(1550, 71, 'India')
```

```
plt.text(5700, 80, 'China')
```

```
# Add gridlines to the plot
```

```
plt.grid(True)
```

```
# Show the plot
```

```
plt.show()
```