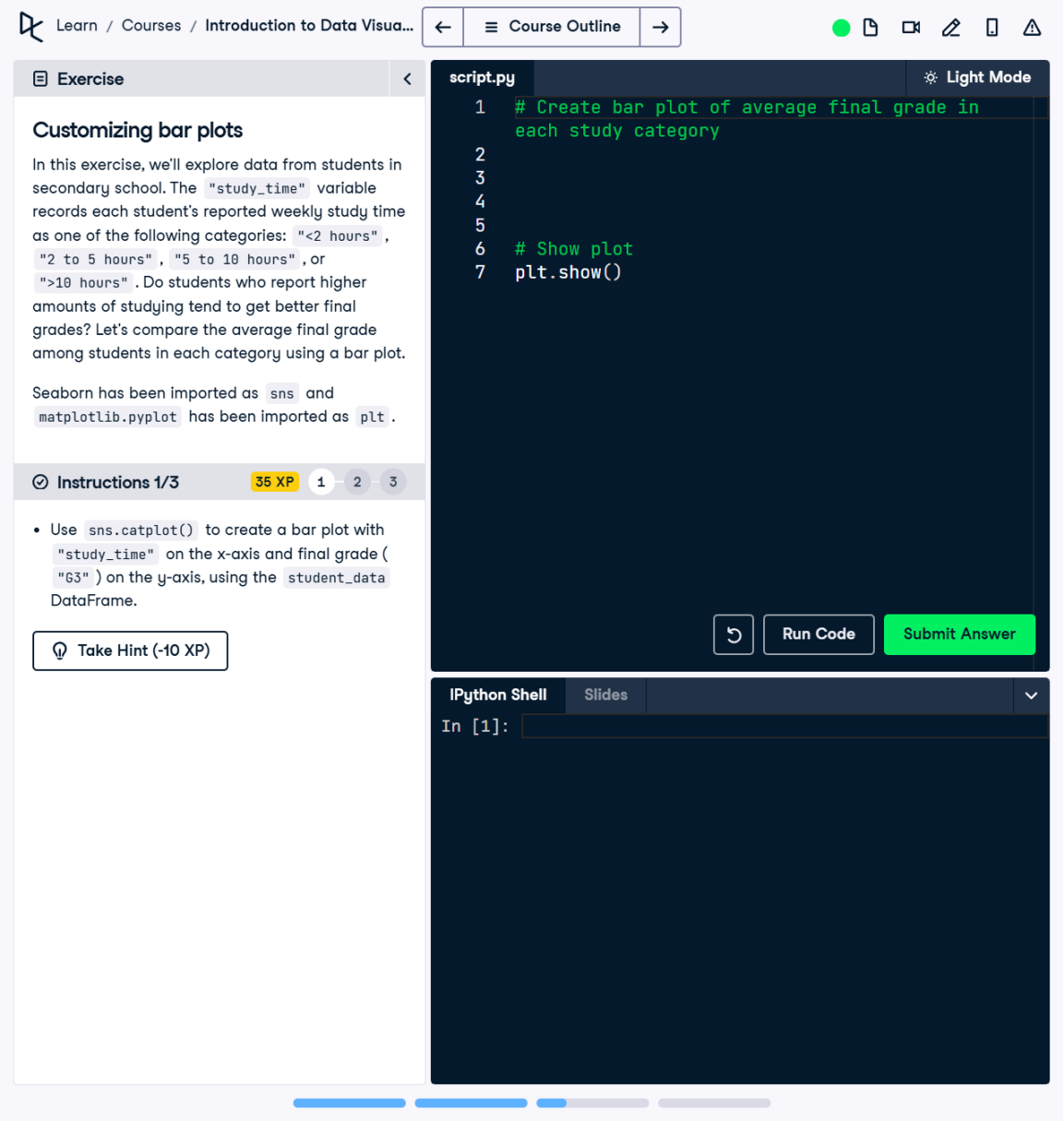

Customizing Bar Plots

Use sns.catplot() to create a bar plot with 'study_time' on the x-axis and final grade ('G3') on the y-axis, using the student_data DataFrame.

Full Answer

To create a bar plot of average final grade in each study category, use sns.catplot() with 'kind' set to 'bar'. Below is the working code:

```
import seaborn as sns
import matplotlib.pyplot as plt

# Create a bar plot of average final grade in each study category
sns.catplot(x='study_time', y='G3',
            data=student_data,
            kind='bar')

# Show plot
plt.show()
```

Code Explanation

1. Import seaborn and matplotlib.pyplot for creating visualizations.
2. Use sns.catplot() to create a bar plot with:
   - 'x' set to 'study_time' to display study time categories on the x-axis.
   - 'y' set to 'G3' to display the average final grade for each study time category.
   - 'kind' set to 'bar' to create a bar plot.
   - 'data' set to student_data, the DataFrame containing the data.
3. Use plt.show() to render and display the plot.