

Avocado Supply and Demand

The screenshot shows a web browser window with a DataCamp course page. The page title is 'Avocado supply and demand'. The main content area is titled 'Exercise' and contains the following text: 'Scatter plots are ideal for visualizing relationships between numerical variables. In this exercise, you'll compare the number of avocados sold to average price and see if they're at all related. If they're related, you may be able to use one number to predict the other.' Below this text, it says 'matplotlib.pyplot has been imported as plt, pandas has been imported as pd, and avocados is available.' There is a 'Instructions' section with two bullet points: 'Create a scatter plot with nb_sold on the x-axis and avg_price on the y-axis. Title it "Number of avocados sold vs. average price".' and 'Show the plot.' There is a 'Take Hint (-30 XP)' button. On the right side, there is a code editor with a dark background and a light mode toggle. The code editor contains the following code:

```
1 # Scatter plot of avg_price vs. nb_sold with title
2 -----
3
4 # Show the plot
5 -----
```

 Below the code editor, there is a 'Run Code' button and a 'Submit Answer' button. At the bottom of the page, there is a 'Python Shell' section with a 'Slides' tab and a 'In [1]:' prompt.

Scatter plots are ideal for visualizing relationships between numerical variables. In this exercise, you'll compare the number of avocados sold to average price and see if they're at all related. If they're related, you may be able to use one number to predict the other.

matplotlib.pyplot has been imported as plt, pandas has been imported as pd, and avocados is available.

Final Answer

```
# Scatter plot of avg_price vs. nb_sold with title
avocados.plot(x="nb_sold", y="avg_price", kind="scatter", title="Number of
avocados sold vs. average price")
```

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