

Avocado Supply and Demand

The screenshot shows a web browser window with multiple tabs. The active tab is 'Avocado supply and demand' from campus.datacamp.com. The page displays an exercise titled 'Avocado supply and demand' with instructions and a code editor. The instructions state: '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 the instructions, it says: 'matplotlib.pyplot has been imported as plt, pandas has been imported as pd, and avocados is available.' The code editor shows the following code:

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

At the bottom of the code editor, there are buttons for 'Run Code' and 'Submit Answer'. Below the code editor is an 'IPython Shell' window with 'In [1]:'.

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()
```