Exercise 9: Which stocks move together?

In the previous exercise, you clustered companies by their daily stock price movements. So which company have stock prices that tend to change in the same way? Now inspect the cluster labels from your clustering to find out.

From the course *Transition to Data Science*. Buy the entire course for just \$10 for many more exercises and helpful video lectures.

Step 1: Load the data (written for you).

Step 2: Run your code from the previous exercise (filled in for you).

Step 3: Use the .predict() method of the pipeline to predict the labels for movements.

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In [ ]:
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Step 4: Align the cluster labels with the list of company names companies by creating a DataFrame df with labels and companies as columns.

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Step 5: Now display the DataFrame, sorted by cluster label. To do this, use the .sort_values() method of df to sort the DataFrame by the 'labels' column.

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Great job! Using k-means, you've discovered which companies stock prices move together on the stock exchange.

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