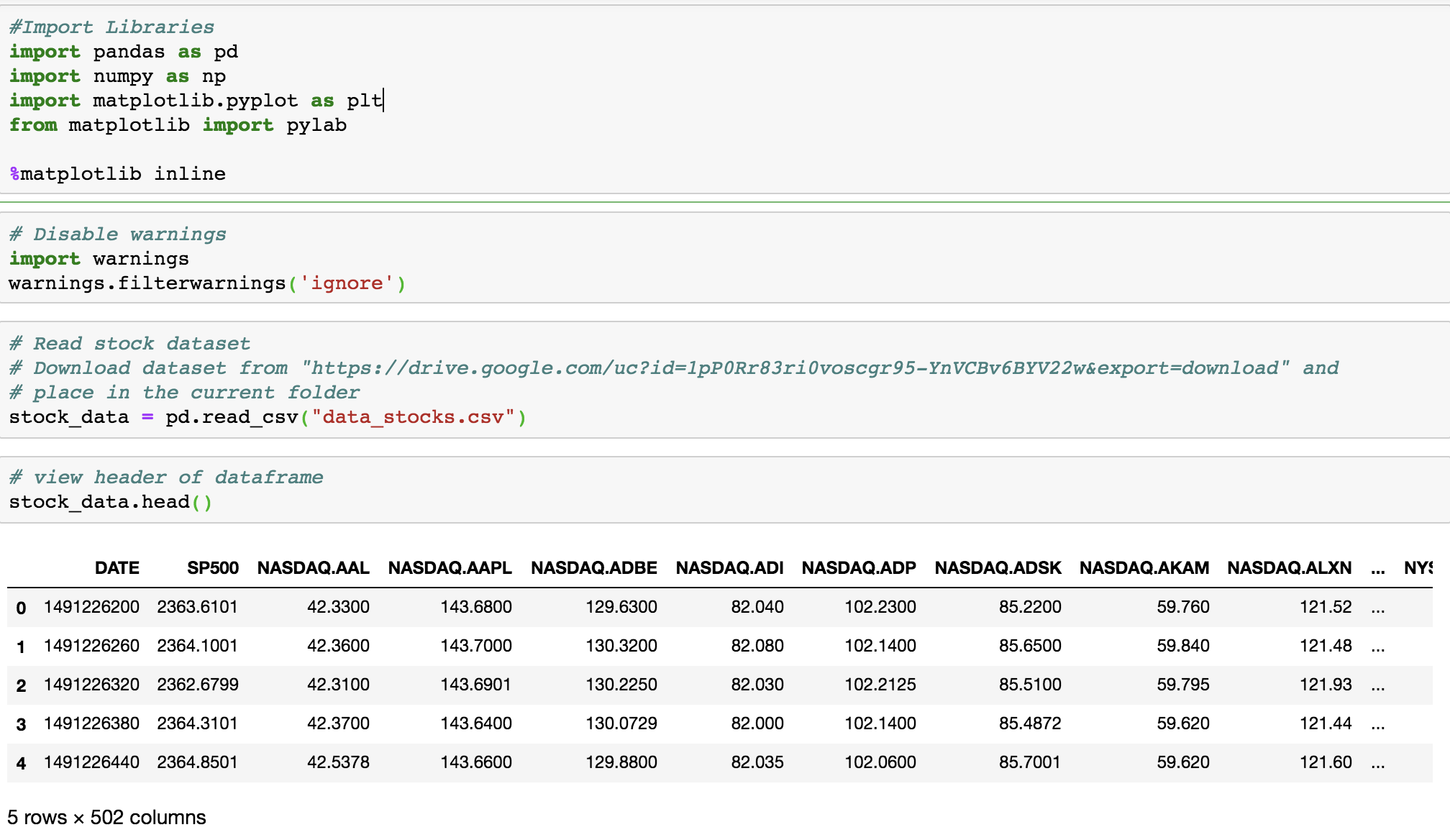
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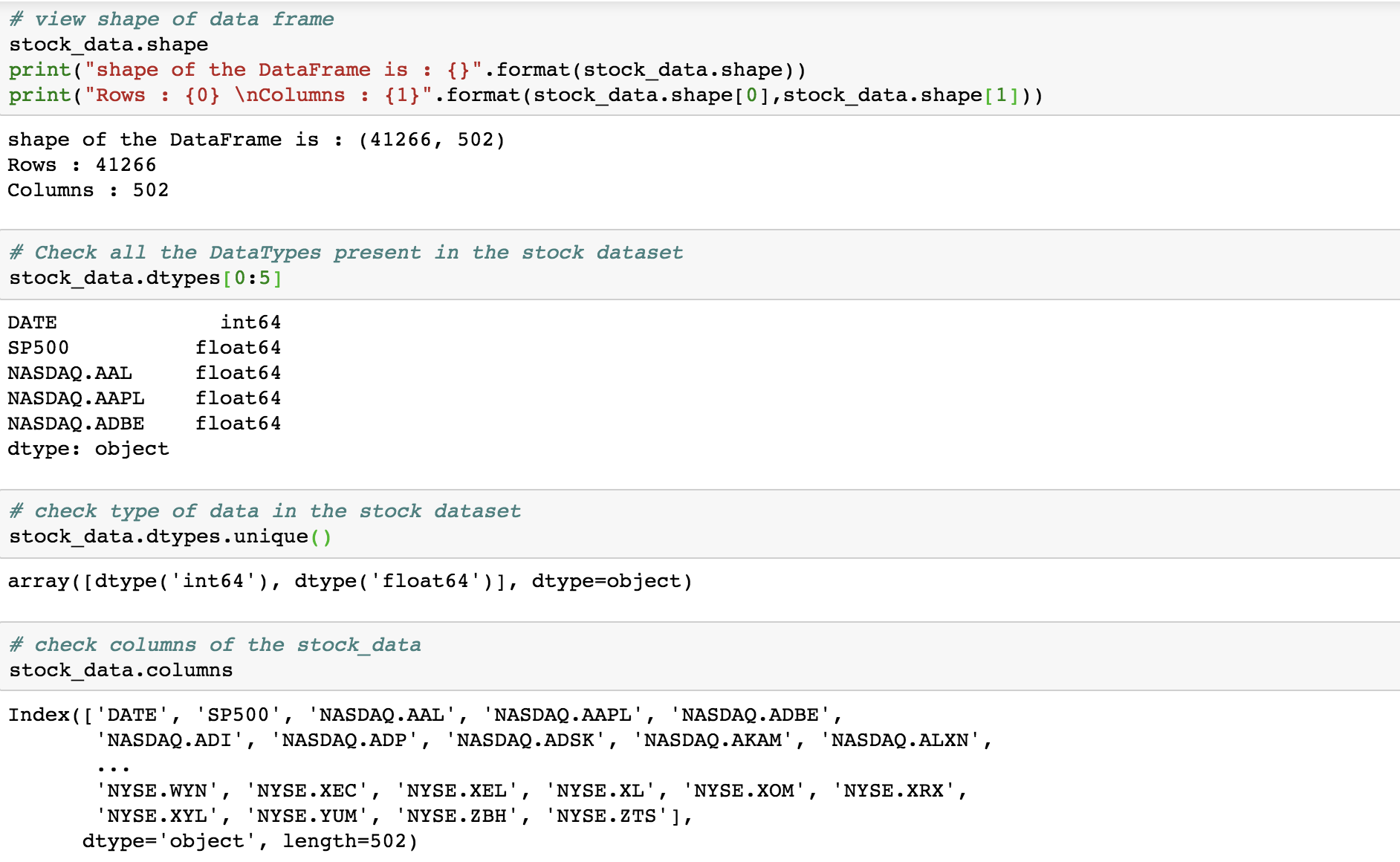
Problem 1: There are various stocks for which we have collected a data set, which all stocks are apparently similar in performance

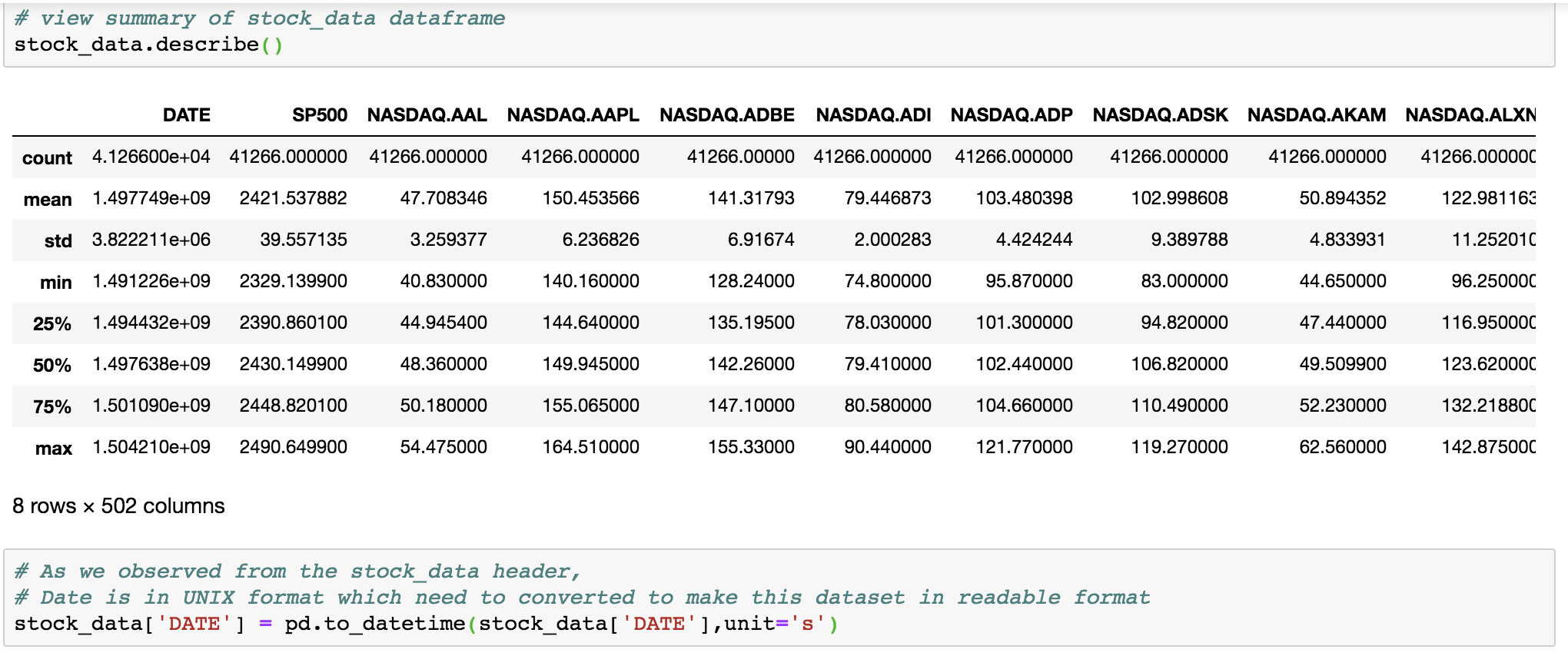
Problem 2: How many Unique patterns that exist in the historical stock data set, based on fluctuations in price.

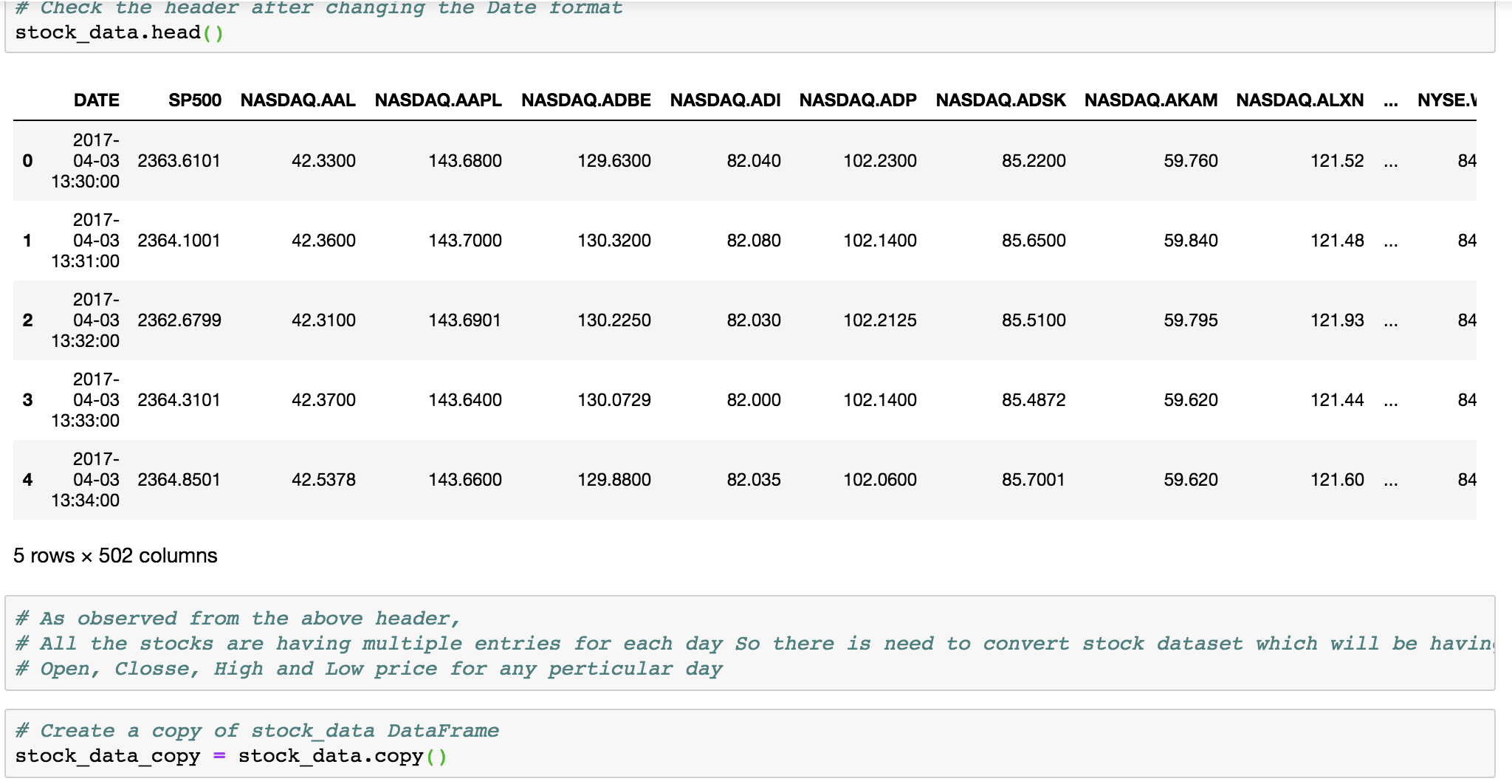
Problem 3: Identify which all stocks are moving together and which all stocks are different from each other.

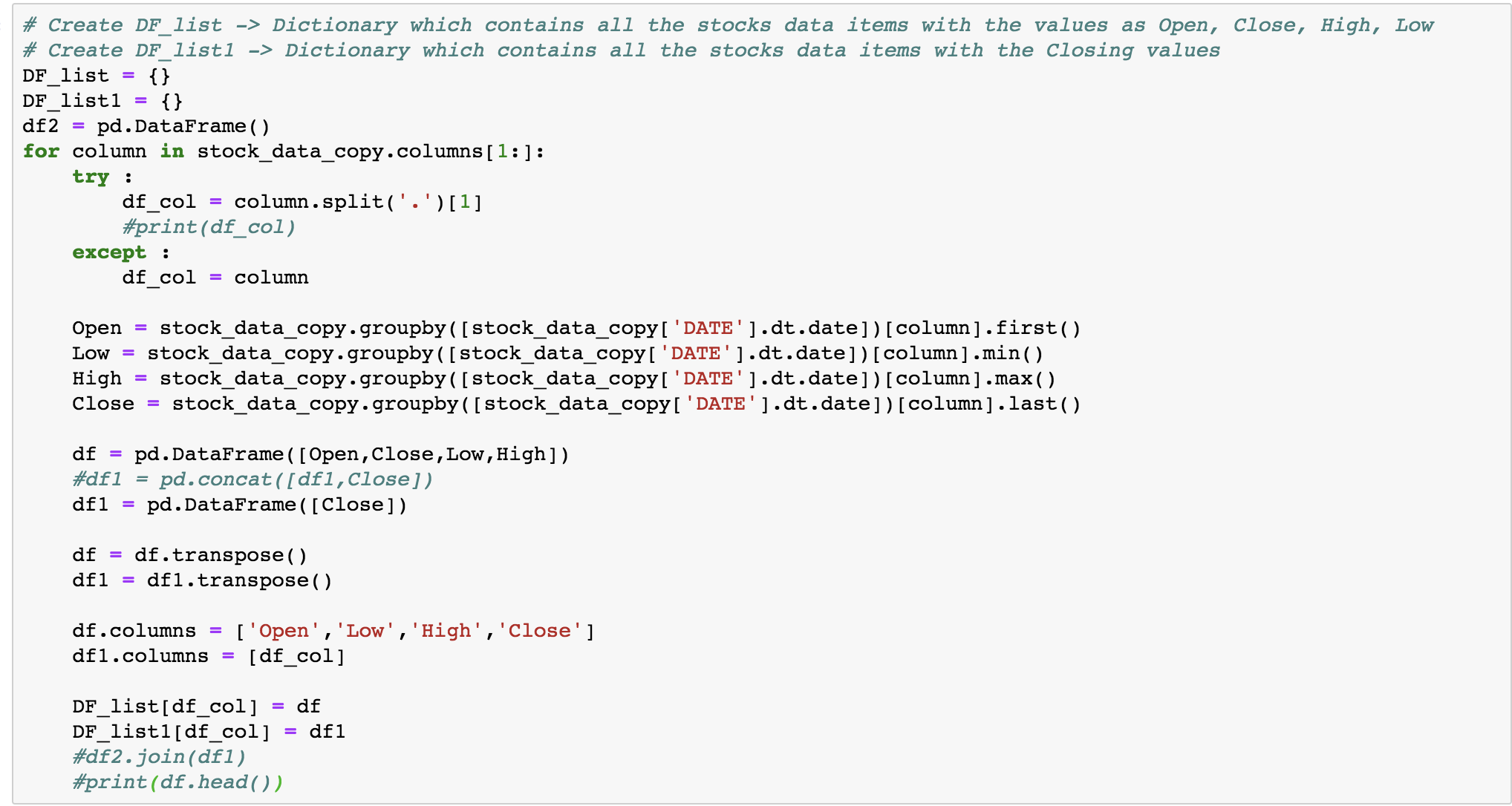
**SolutionScreenshot:-**

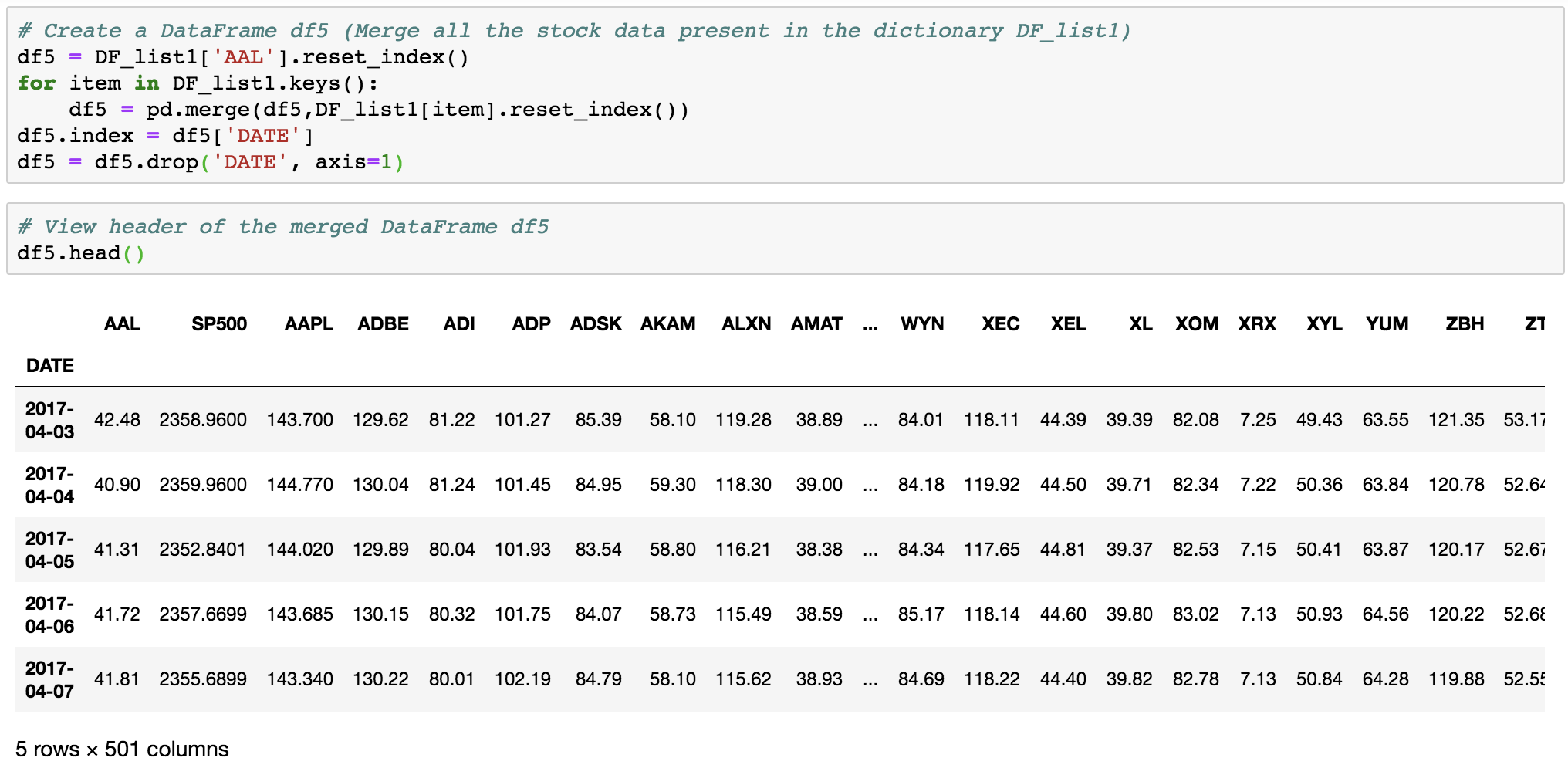
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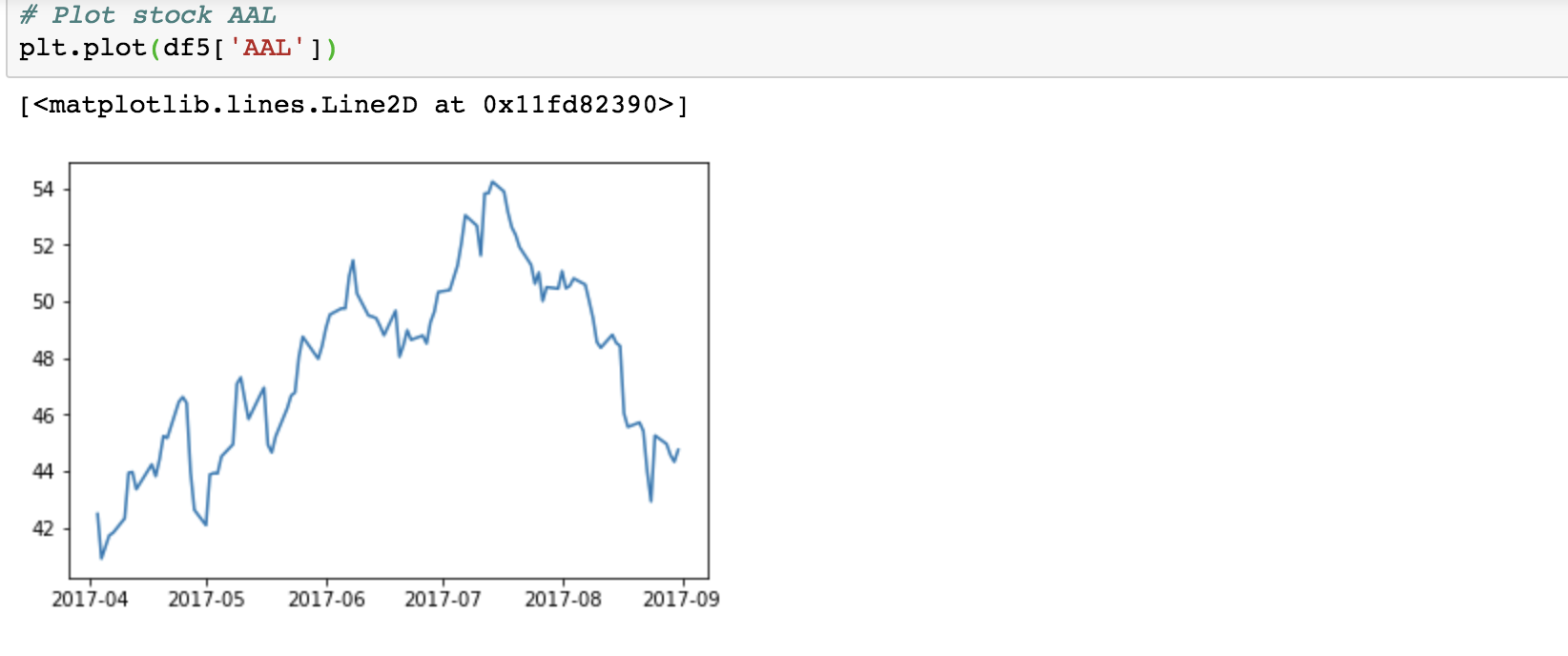
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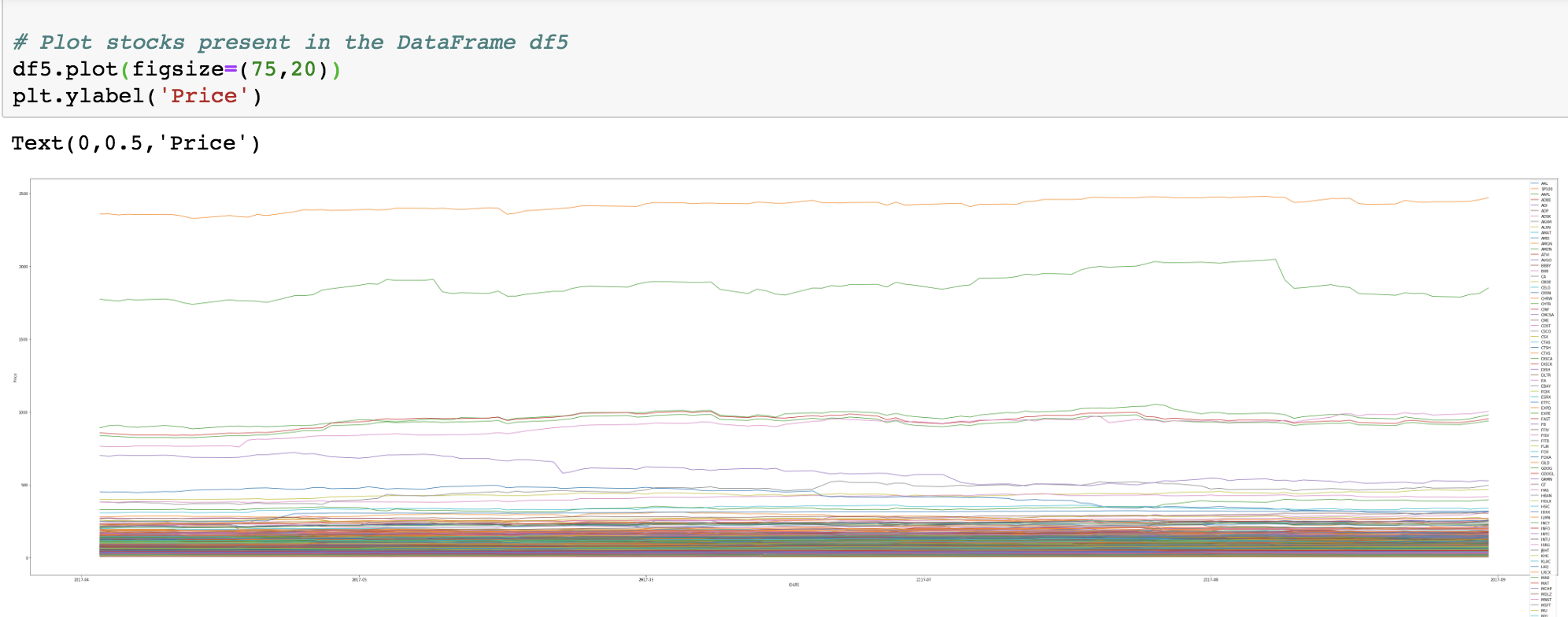
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