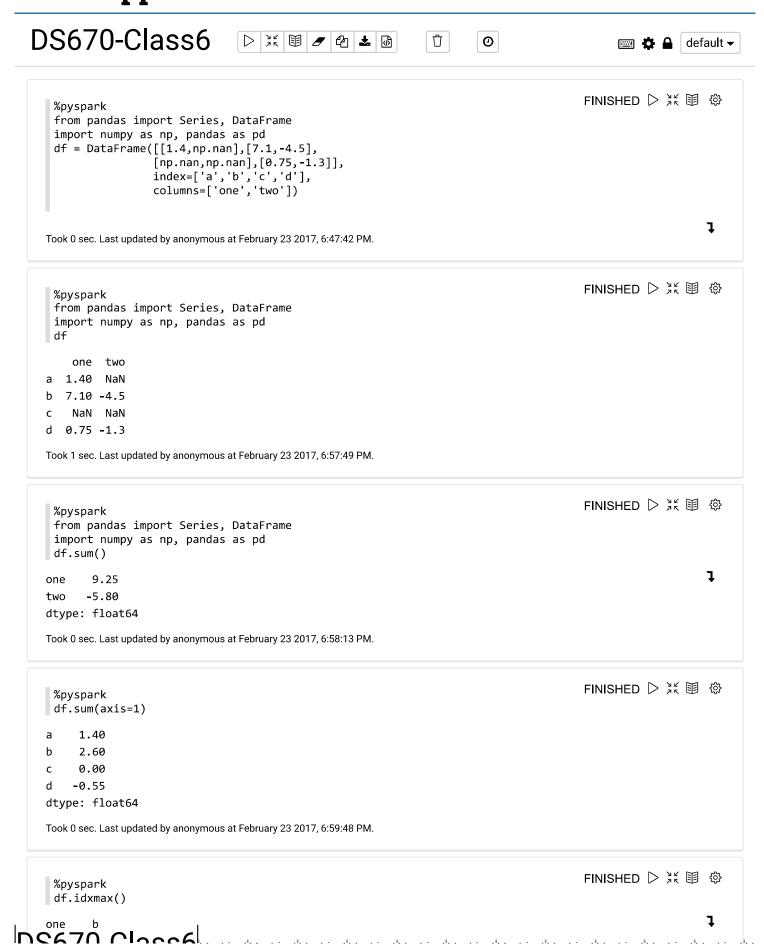
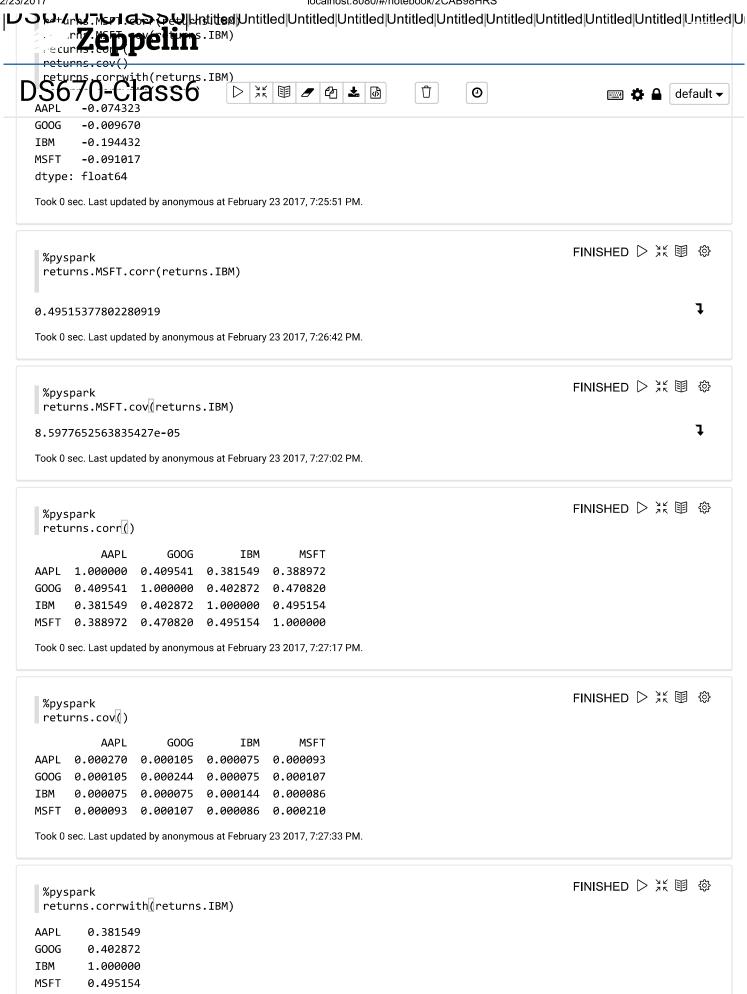
Zeppelin



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Took 0 sec. Last updated by anonymous at February 23 2017, 7:14:41 PM. DS670-Class6 Û Θ default 🕶 FINISHED D 岩 印 %pyspark df df.sum() df.sum(axis=1) df.mean(axis=1,skipna=False) df.idxmax() df.describe() obj = Series(['a','a','b','c'] * 4) obj obj.describe() count 16 unique 3 top а freq 8 dtype: object Took 0 sec. Last updated by anonymous at February 23 2017, 7:16:24 PM. FINISHED ▷ 光 圓 ۞ %pyspark from pandas_datareader import data as web all_data = {} ļ Took 2 sec. Last updated by anonymous at February 23 2017, 7:22:23 PM. FINISHED ▷ 茉 圓 � %pyspark from pandas_datareader import data, wb all_data = {} for ticker in ['AAPL','IBM','MSFT','GOOG']: all_data[ticker] = web.get_data_yahoo(ticker)
price = DataFrame({tic: data['Adj Close']} for tic, data in all_data.items()}) volume = DataFrame({tic: data['Volume'] for tic, data in all_data.items()}) Took 1 sec. Last updated by anonymous at February 23 2017, 7:25:03 PM. FINISHED ▷ 光 圓 ۞ %pyspark returns = price.pct_change() returns.tail() AAPL GOOG IBM **MSFT** Date 2017-02-15 0.003629 -0.001792 0.008605 -0.000619 2017-02-16 -0.001181 0.006325 -0.001376 -0.000155 2017-02-17 0.002734 0.004744 -0.004189 0.001550 2017-02-21 0.007221 0.004335 -0.002269 -0.002012 2017-02-22 0.002999 -0.001082 0.004937 -0.002016 Took 0 sec. Last updated by anonymous at February 23 2017, 7:25:35 PM.





dtyne: float64

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②





returns.corrwith(volume)

-0.074323 AAPL -0.009670 GOOG IBM -0.194432 MSFT -0.091017 dtype: float64

Took 0 sec. Last updated by anonymous at February 23 2017, 7:27:55 PM.

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