

#Exercise 1

market	stocksymbol	datemdy	price_open	price_high	price_low	price_close	volumn	price_adj_close
NASDAQ	ABXA	2009-12-09	2.55	2.77	2.5	2.67	158500	2.67
NASDAQ	ABXA	2009-12-08	2.71	2.74	2.52	2.55	131700	2.55
NASDAQ	ABXA	2009-12-07	2.65	2.76	2.65	2.71	174200	2.71
NASDAQ	ABXA	2009-12-04	2.63	2.66	2.53	2.65	230900	2.65
NASDAQ	ABXA	2009-12-03	2.55	2.62	2.51	2.6	360900	2.6
NASDAQ	ABXA	2009-12-02	2.41	2.59	2.4	2.53	287700	2.53
NASDAQ	ABXA	2009-12-01	2.35	2.44	2.27	2.4	302000	2.4
NASDAQ	ABXA	2009-11-30	2.36	2.36	2.11	2.25	446100	2.25
NASDAQ	ABXA	2009-11-27	2.35	2.42	2.3	2.35	135200	2.35
NASDAQ	ABXA	2009-11-25	2.48	2.49	2.4	2.45	77500	2.45

The table named stocks store all the information read from stocks.csv, the first 10 records from the table are shown above.

#Exercise 2

market	stocksymbol	datemdy	price_open	price_high	price_low	price_close	volumn	price_adj_close
NASDAQ	AMZN	2010-02-08	119.38	121.0	116.56	116.83	9890200	116.83
NASDAQ	AMZN	2010-02-05	115.88	117.65	114.1	117.39	11024800	117.39
NASDAQ	AMZN	2010-02-04	118.64	120.33	115.74	115.94	12773200	115.94
NASDAQ	AMZN	2010-02-03	117.12	119.61	116.56	119.1	12405900	119.1
NASDAQ	AMZN	2010-02-02	118.79	118.98	114.4	118.12	23079700	118.12
NASDAQ	AMZN	2010-02-01	123.18	124.86	113.82	118.87	37712700	118.87
NASDAQ	AMZN	2010-01-29	129.77	131.85	124.14	125.41	29471300	125.41
NASDAQ	AMZN	2010-01-28	124.43	127.2	122.8	126.03	27145900	126.03
NASDAQ	AMZN	2010-01-27	121.03	123.33	118.8	122.75	14747600	122.75
NASDAQ	AMZN	2010-01-26	120.56	122.98	119.06	119.48	9559000	119.48

The above table shows the records with market = 'NASDAQ' and stocksymbol = 'AMZN' that was filtered from stocks table.

#Maximum open stock price and date (yyyy-mm-dd)

1998-12-29 350.0

Here is the maximum open stock price for Amazon, which occurs in 1998-12-29

#Minimum open stock price and date (yyyy-mm-dd)

2001-10-01 5.91

Here is the minimum open stock price for Amazon, which occurs in 2001-10-01

#Exercise 3

stocksymbol	market	avg_closing_price
AACC	NASDAQ	14.87480668592453
AAME	NASDAQ	3.5059575507779597
AAON	NASDAQ	15.591680647554375
AAPL	NASDAQ	51.745206035529534
AATI	NASDAQ	7.303397886559996
AAUK	NASDAQ	21.038235309077244
AAWW	NASDAQ	42.014906363540824
AAXJ	NASDAQ	43.0057908382876
ABAT	NASDAQ	1.4773911365061976
ABAX	NASDAQ	10.201521972749363

The above table shows the average closing price for each stock symbol and market