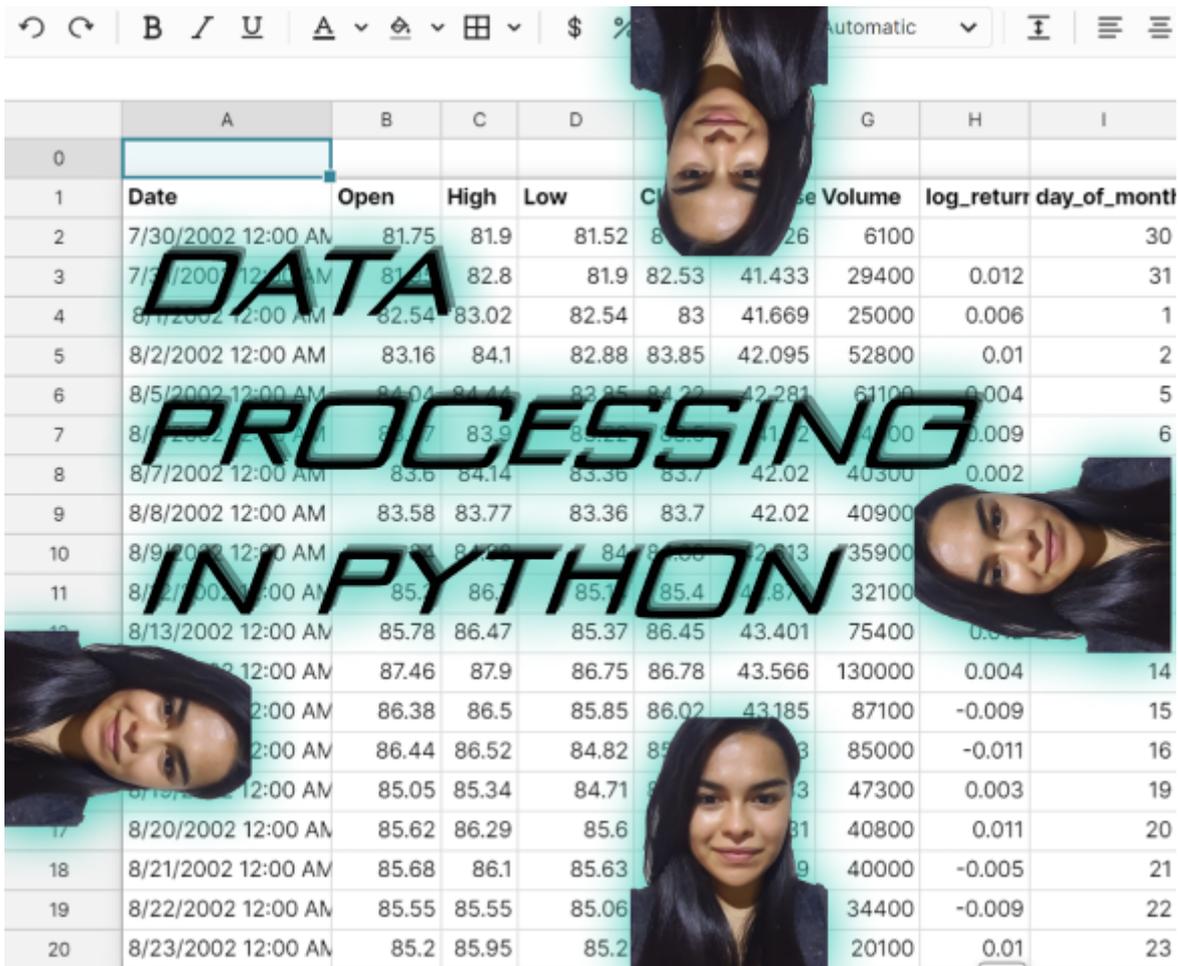


29/11/2023: Data Processing in Python



The image shows a screenshot of an Excel spreadsheet with a data table. The table has columns for Date, Open, High, Low, Close, Volume, log_return, and day_of_month. The data spans from 7/30/2002 to 8/23/2002. A large, stylized watermark 'DATA PROCESSING IN PYTHON' is overlaid across the center of the table. Several portrait photos of a woman are also overlaid on the spreadsheet, appearing upside down and in various orientations.

	A	B	C	D	E	F	G	H	I
0									
1	Date	Open	High	Low	Close	Volume	log_return	day_of_month	
2	7/30/2002 12:00 AM	81.75	81.9	81.52	81.76	6100			30
3	7/31/2002 12:00 AM	81.75	82.8	81.9	82.53	41.433	29400	0.012	31
4	8/1/2002 12:00 AM	82.54	83.02	82.54	83	41.669	25000	0.006	1
5	8/2/2002 12:00 AM	83.16	84.1	82.88	83.85	42.095	52800	0.01	2
6	8/5/2002 12:00 AM	84.04	84.44	83.95	84.22	42.281	61100	0.004	5
7	8/6/2002 12:00 AM	83.7	83.9	83.22	83.55	41.72	44000	-0.009	6
8	8/7/2002 12:00 AM	83.6	84.14	83.36	83.7	42.02	40300	0.002	
9	8/8/2002 12:00 AM	83.58	83.77	83.36	83.7	42.02	40900		
10	8/9/2002 12:00 AM	83.95	84.22	84.18	84.33	42.313	35900		
11	8/12/2002 12:00 AM	85.1	86.1	85.1	85.4	41.87	32100		
12	8/13/2002 12:00 AM	85.78	86.47	85.37	86.45	43.401	75400	0.007	
13	8/14/2002 12:00 AM	87.46	87.9	86.75	86.78	43.566	130000	0.004	14
14	8/15/2002 12:00 AM	86.38	86.5	85.85	86.02	43.185	87100	-0.009	15
15	8/16/2002 12:00 AM	86.44	86.52	84.82	85.13	43.185	85000	-0.011	16
16	8/19/2002 12:00 AM	85.05	85.34	84.71	85.13	43.185	47300	0.003	19
17	8/20/2002 12:00 AM	85.62	86.29	85.6	85.6	43.185	40800	0.011	20
18	8/21/2002 12:00 AM	85.68	86.1	85.63	85.63	43.185	40000	-0.005	21
19	8/22/2002 12:00 AM	85.55	85.55	85.06	85.06	43.185	34400	-0.009	22
20	8/23/2002 12:00 AM	85.2	85.95	85.2	85.2	43.185	20100	0.01	23

Technician: Mayra

This workshop will cover the basics of loading data files into Python, and give an intro to the Matplotlib and Pandas libraries, and explore common issues encountered in using these tools.

[Watch the workshop again](#) - Sorry Mayra forgot to put on the Microphone!

Revision #3

Created 21 December 2023 23:48:21 by Tom Lynch

Updated 7 October 2024 09:58:06 by Tom Lynch