

Bellevue University

## M5 Screenshots

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DSC350-T301

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```
review/DataWranglingForDataScience/Modules/Jeline
```

```
mag magType ... tsunami parsed_place
1563 4.9      mb ...      0      Japan
2576 5.4      mb ...      0      Japan
3072 4.9      mb ...      0      Japan
3632 4.9      mb ...      0      Japan
```

```
[4 rows x 6 columns]
```

```
Magnitude Bin
```

```
(1), 2]      3802
(0), 1]      2941
(2), 3]      1157
(4), 5]       534
(3), 4]       233
(5), 6]       117
(6), 7]        7
(7), 8]        1
(8), 9]        0
(9), 10]       0
```

```
Name: count, dtype: int64
```

```
open      high ...      close      volume
ticker date
AAPL  2018-01-31  43.505357  45.025002 ...  43.501309  2.638718e+09
      2018-02-28  41.819079  45.154999 ...  41.909737  3.711577e+09
      2018-03-31  43.761786  45.875000 ...  43.624048  2.854911e+09
      2018-04-30  42.441310  44.735001 ...  42.458572  2.664617e+09
      2018-05-31  46.239091  47.592499 ...  46.384205  2.483905e+09
      2018-06-30  47.180119  48.549999 ...  47.155357  2.110498e+09
      2018-07-31  47.549048  48.990002 ...  47.577857  1.574766e+09
      2018-08-31  53.121739  57.217499 ...  53.336522  2.801276e+09
      2018-09-30  55.582763  57.417500 ...  55.518421  2.715888e+09
      2018-10-31  55.300000  58.367500 ...  55.211413  3.158994e+09
      2018-11-30  47.954881  55.590000 ...  47.808929  3.845306e+09
      2018-12-31  41.310789  46.235001 ...  41.066579  3.595690e+09
AMZN  2018-01-31  1301.377151  1472.579956 ...  1309.010946  9.637120e+07
```

```
[60 rows x 5 columns]
```

```
magType  mb  mb_lg  md  mh  ml  ms_20  mw  mw_b  mw_r  mw_w
tsunami
0         5.6    3.5  4.11  1.1  4.2    NaN  3.83  5.8  4.8  6.0
1         6.1    NaN  NaN  NaN  5.1    5.7  4.41  NaN  NaN  7.5
open  high  low  close  volume
```

ticker	ticker	date					
AAPL	AAPL	2018-01-31	NaN	NaN	NaN	NaN	NaN
		2018-02-28	NaN	NaN	NaN	NaN	NaN
		2018-03-31	NaN	NaN	NaN	NaN	NaN
		2018-04-30	NaN	NaN	NaN	NaN	NaN
		2018-05-31	NaN	NaN	NaN	NaN	NaN
		2018-06-30	NaN	NaN	NaN	NaN	NaN
		2018-07-31	NaN	NaN	NaN	NaN	NaN
		2018-08-31	NaN	NaN	NaN	NaN	NaN
		2018-09-30	NaN	NaN	NaN	NaN	NaN
		2018-10-31	NaN	NaN	NaN	NaN	NaN
		2018-11-30	NaN	NaN	NaN	NaN	NaN
		2018-12-31	NaN	NaN	NaN	NaN	NaN
AMZN	AMZN	2018-01-31	NaN	NaN	NaN	NaN	NaN
		2018-02-28	NaN	NaN	NaN	NaN	NaN

	close	high	low	open	volume
ticker					
AAPL	47.263357	47.748526	46.795877	47.277859	1.360803e+08
AMZN	1641.726176	1662.839839	1619.840519	1644.072709	5.648994e+06
FB	171.510956	173.613347	169.303148	171.472948	2.765860e+07
GOOG	1113.225134	1125.777606	1101.001658	1113.554101	1.741965e+06
NFLX	319.290319	325.219322	313.187330	319.620558	1.146962e+07

	high	low	open	close	volume	ticker
date						
2018-10-01	2.368006	2.502113	2.337813	2.385848	-1.630411	AMZN
2018-10-02	2.227302	2.247433	2.190795	2.155037	-0.861879	AMZN
2018-10-03	2.058955	2.139987	2.068570	2.025489	-0.920345	AMZN
2018-10-04	1.819474	1.781561	1.850048	1.722816	-0.126582	AMZN
2018-10-05	1.628173	1.554416	1.642819	1.584748	-0.298771	AMZN
...	...	...	...	...	...	...
2018-12-24	-2.159820	-2.187566	-2.179582	-2.226185	-0.141238	AMZN
2018-12-26	-1.611714	-1.810493	-2.026617	-1.339674	1.123063	AMZN
2018-12-27	-1.641276	-1.626703	-1.456521	-1.404343	0.849827	AMZN
2018-12-28	-1.325261	-1.231588	-1.328549	-1.289951	0.496102	AMZN
2018-12-31	-1.273456	-0.975763	-1.078283	-1.122691	-0.246405	AMZN