

MD15-Tarefa02 - Códigos

01- Dataframe:

	first column	second column
0	1	10
1	2	20
2	3	30
3	4	40

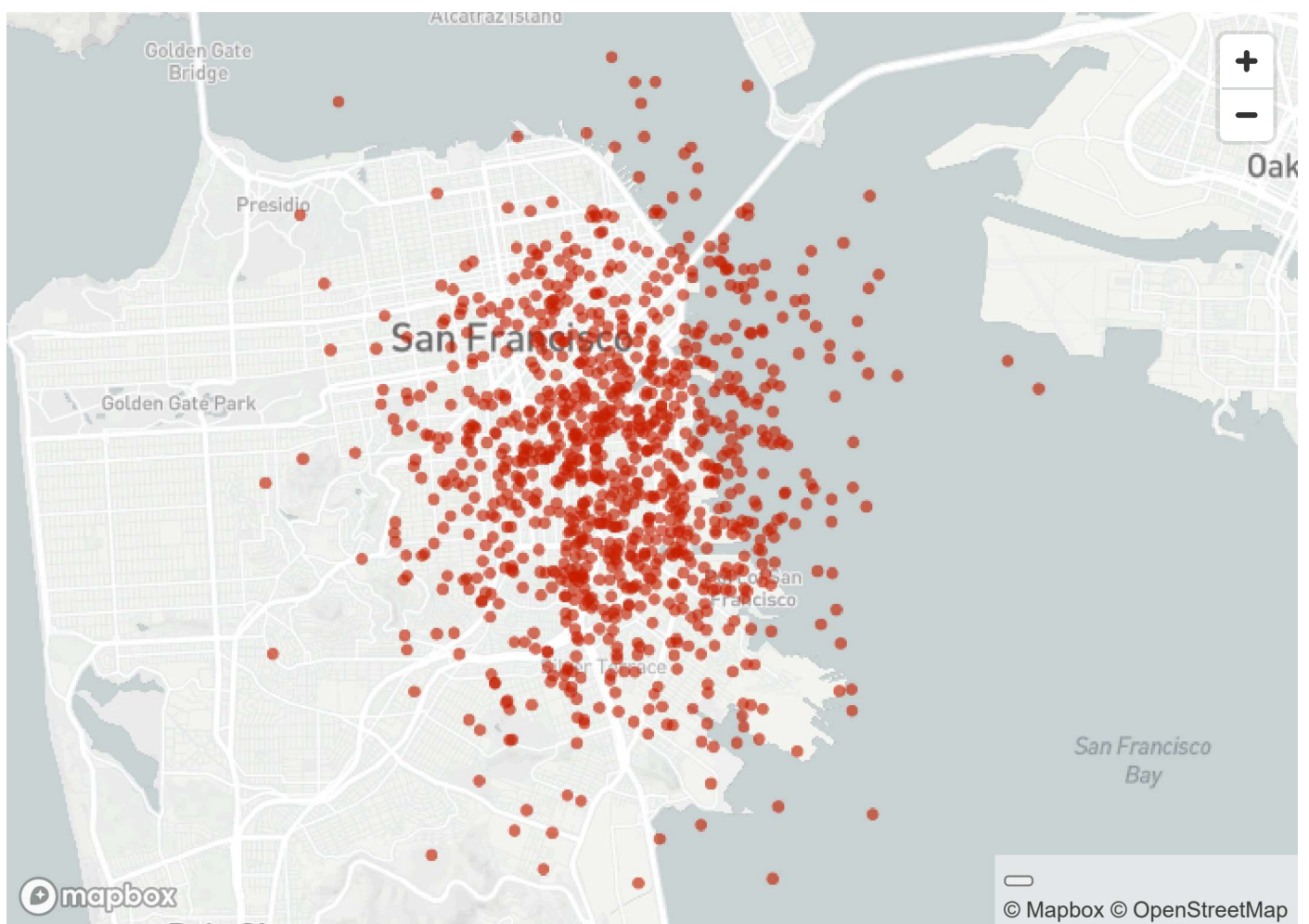
02- Dataframe + numpy

0	1	2	3	4	5	6	7	8	9	10	11
0.12	-0.5003	-0.598	-0.0495	-1.5359	0.1015	0.8999	-1.286	1.7179	0.4267	0.1172	1.3352
0.5885	1.095	-0.7181	-0.0357	0.105	-0.8188	0.9063	-0.7937	1.0208	-0.4084	-0.2067	1.1163
0.9024	2.4618	2.8613	-1.5014	2.8818	-0.8293	0.8624	0.4134	0.6961	-0.7276	-0.51	-2.7477
-0.6725	-0.9886	0.6499	-0.9892	1.8336	-1.6314	1.5535	-2.1973	-1.8313	0.699	-1.4802	0.1229
0.6681	0.9568	0.3092	0.4108	0.6755	0.0657	0.5773	-0.7714	-0.686	2.2813	0.2191	0.2268
0.1404	-1.4558	1.3307	0.6836	0.0971	-0.5134	0.0314	-0.3528	-0.8996	-0.8246	0.8027	1.5774
-1.2491	-2.3308	-0.2653	1.0209	0.7966	-0.8961	0.8417	-1.1784	-1.7351	-0.1106	-1.064	-0.5942
-1.1458	-0.8081	-0.9684	0.0393	1.6095	-0.7775	0.3181	0.4565	0.2581	-0.0142	-1.1213	-0.9214
0.2286	1.621	-0.3864	-0.2379	-0.3261	-0.6291	-1.835	-0.7976	1.5506	-0.578	-1.4936	-0.1539
-1.7656	-0.4889	-0.748	-0.3412	0.4181	0.9342	0.5486	0.1111	0.5614	0.5894	1.0722	-1.1962

03- Style Dataframe + numpy

	col 0	col 1	col 2	col 3	col 4	col 5	col 6	col 7	col 8
0	0.345041	1.584862	-0.336757	0.313014	-0.808956	-0.989007	-0.866703	0.431522	-0.896368
1	-0.503649	0.877734	-2.636778	0.346646	-1.026550	0.397019	-1.039165	-0.698220	0.489205
2	-0.541138	1.723726	0.243015	0.350519	-0.785003	0.018415	-0.230237	-1.118902	0.377914
3	-2.016076	-0.217014	-0.349855	0.448814	0.789437	-1.539108	-0.159236	0.046345	0.086131
4	0.000848	-0.672854	-0.883603	-0.685190	-0.263682	-0.195954	-0.084834	0.032230	0.028925
5	-0.794810	-0.616741	0.585702	-0.485868	1.075857	0.878416	-0.416493	-0.547579	-0.688430
6	-1.486926	2.410172	-0.059146	0.382903	0.181888	0.592207	1.275361	-0.096308	0.994247
7	-0.962349	0.628344	-1.511581	1.205773	-0.075184	-0.525720	1.398360	-0.933542	1.125557
8	0.107338	-0.741424	0.842721	0.139869	0.810403	-0.679419	0.617914	-0.082549	0.630489
9	2.347111	0.537776	1.499804	0.932322	-0.622363	0.089436	0.151267	2.063747	1.378804

04- Plot a map



05- Widgets

x

47

0

100

47 squared is 2209

06- Use checkboxes to show/hide data

☒ Show dataframe

	a	b	c
0	0.9872	0.6497	0.8559
1	0.7826	0.8471	-0.2545
2	-1.0557	0.2862	0.1275
3	-0.6604	-1.1284	-0.2369
4	-1.5539	1.417	-1.0569
5	0.1834	-0.382	1.0435
6	0.037	-0.3225	1.7789
7	-0.3631	0.0407	0.2229
8	-0.0873	-0.3295	0.8798
9	-0.7887	-0.133	1.8696

07- Use a selectbox for options

Which number do you like best?

3



You selected: 3

08- Show progress

Starting a long computation...

Iteration 5



...and now we're done!

09- Examples of using Session State

This page has run 119 times.

Run it again

10- Formulário

Inside the form

Número

0,08

- +

texto

teste

ltexto area

asdasdasdasdasd

Pick a color

green

▼

Submit my picks

0.08

teste

asdasdasdasdasd

green

11- Soma

Sum:

a

59656,00

- +

b

98765,00

- +

add

12- Dataframe vazio

	Full Name (required)	Age (years)	Favorite Color
	teste	59	green
	novo	47	yellow

Get results

	name	age	color
0	teste	59	green
1	novo	47	yellow

13- Selecciona a coluna e exhibe value_counts

	total_bill	↑ tip	sex	smoker	day	time	size
0	16.99	1.01	Female	No	Sun	Dinner	2
1	10.34	1.66	Male	No	Sun	Dinner	3

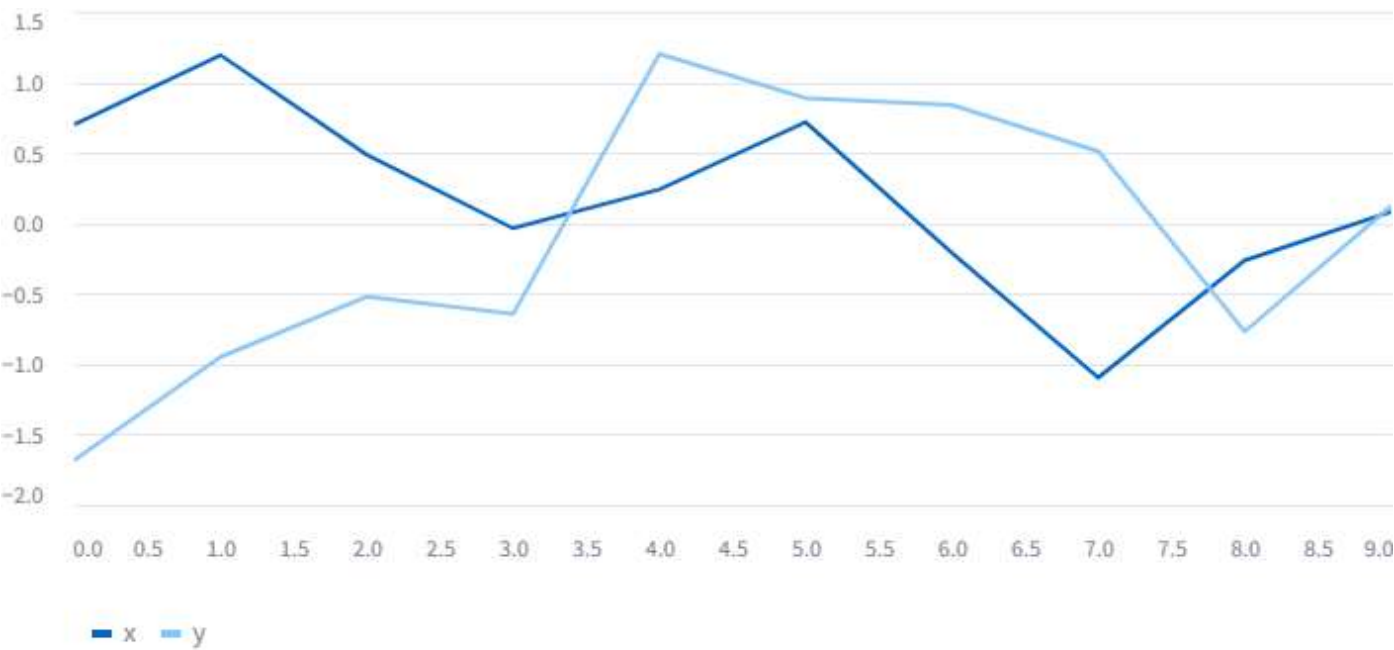
Coluna

size

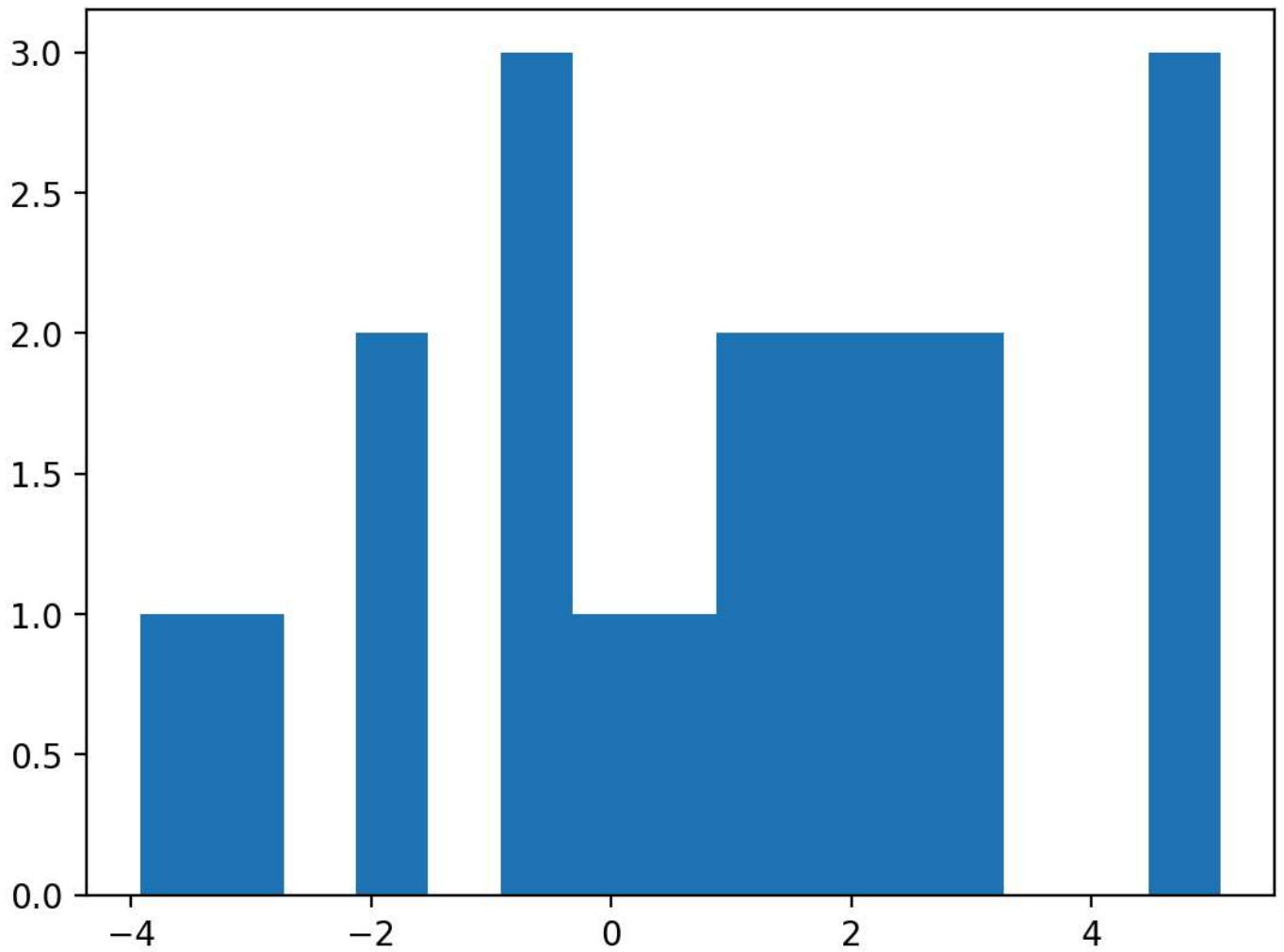


size	count
2	156
3	38
4	37
5	5
1	4
6	4

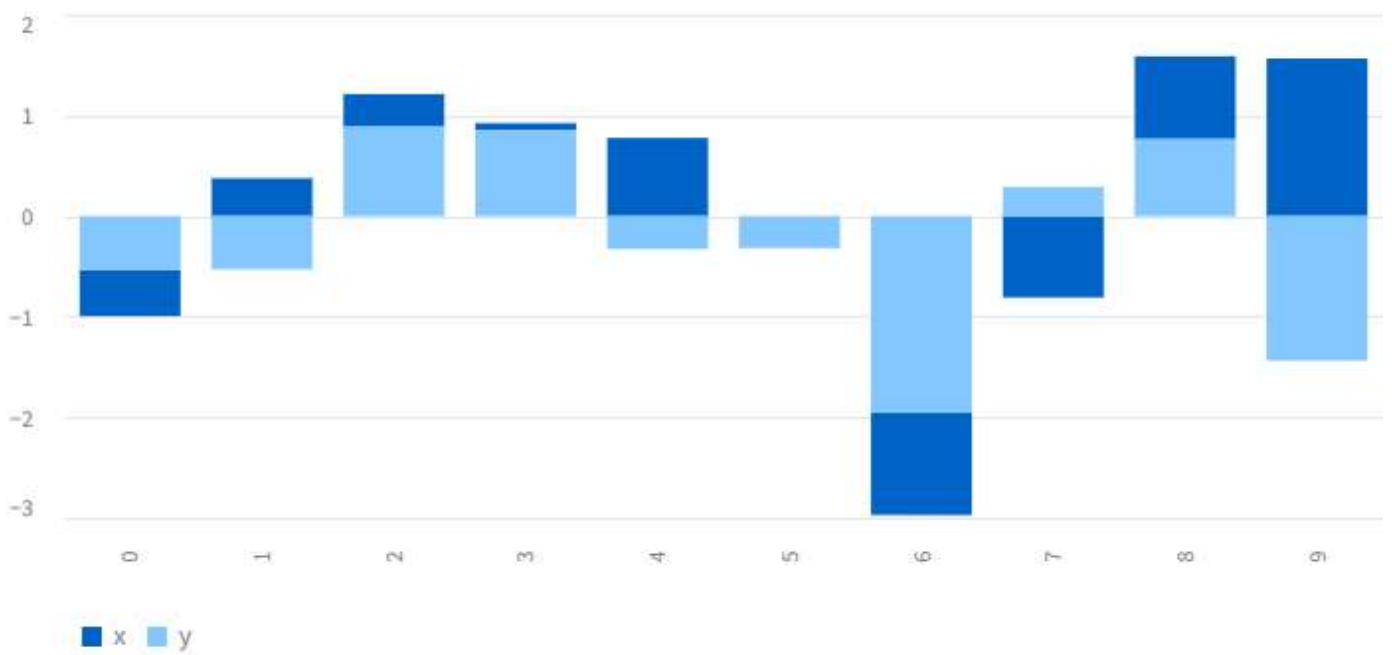
14- Gráfico linha



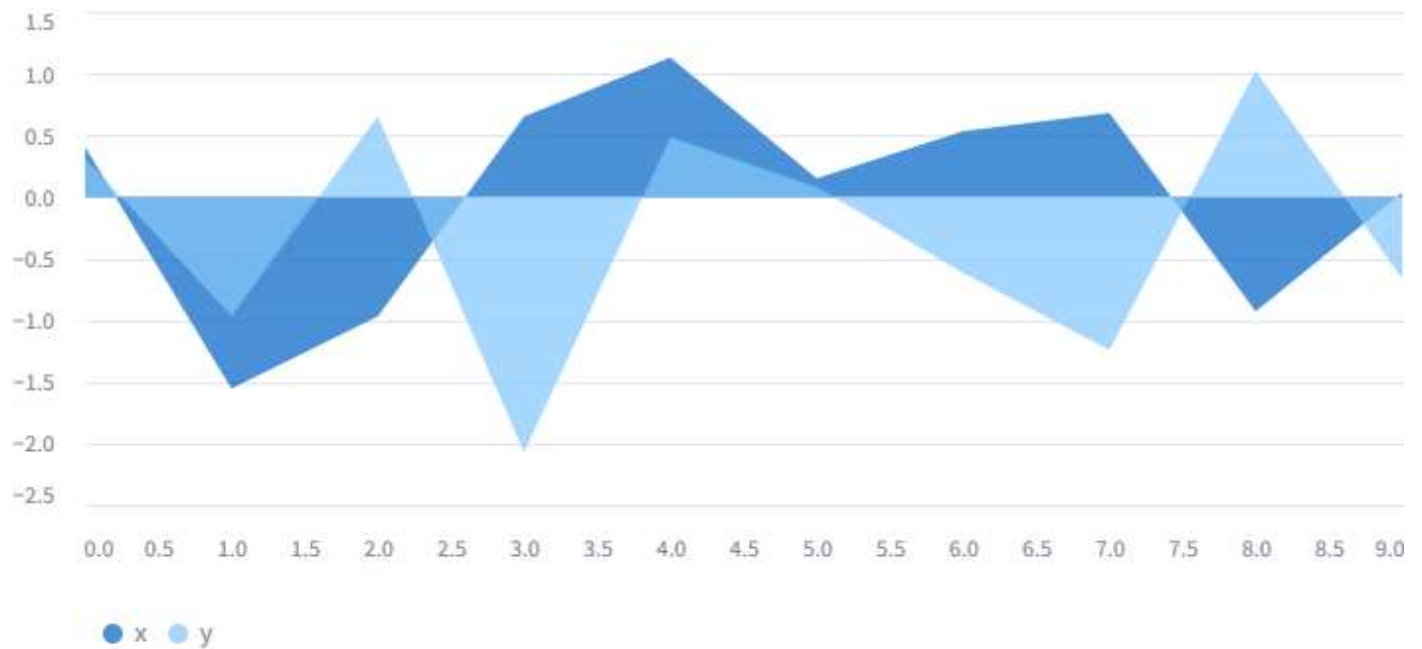
15- Gráfico Histograma



16- Gráfico Barra



17- Gráfico de área



18- Mudar cor

Pick A Color



The current color is #748e74

19- Botão download um arquivo em csv

Download dataframe CSV

20- histograma de dataframe gorjetas

Coluna dataframe TIPS

day



