

EXPERIMENT-12

Aim: To execute pandas program to set dataframe background color black and font color yellow.

Pseudocode:

- 1) Import libraries: Import the pandas and numpy
- 2) Create a dataframe: Generate a dataframe with 10 rows and 5 columns filled with random values.
- 3) Apply style: use the `style.set_properties()` function to set the background color of df.

Sample input:

Dataframe of 10 rows, 5 columns background color black values yellow.

Sample output:

(with significant output)

	A	B	C	D	E
0	1	1.32921	Nan	-0.31628	-0.99031
1	2	-1.05082	-1.43871	0.561414	0.295722
2	3	-1.6264	0.019565	0.678805	1.88927
3	4	0.961538	0.104011	Nan	0.850229
4	5	Nan	1.08774	0.165562	0.95018
5	6	-1.33694	0.562861	1.39285	-0.63328
6	7	0.121668	1.2076	-0.00204021	1.6278
7	8	0.354493	1.08753	-0.385684	0.519618
8	9	1.68658	-1.32596	1.42898	-2.08935
9	10	-0.10982	0.631523	-0.566533	Nan

Result: Therefore the pandas execution for background font colours executed successful

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0

0.496714

-0.138264

0.647689

1.523030

1

-0.234153

-0.234137

1.579213

0.767435

2

-0.469474

0.542560

-0.463418

-0.465730

3

0.241962

-1.913280

-1.724918

-0.562288

4

-1.012831

0.314247

-0.908024

-1.412304

5

1.465649

-0.225776

0.067528

-1.424748

6

-0.544383

0.110923

-1.150994

0.375698

7

-0.600639

-0.291694

-0.601707

1.852278

8

-0.013497

-1.057711

0.822545

-1.220844

9

0.208864

-1.959670

-1.328186

0.196861

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