

# multi-smooth-density-plot - implementation

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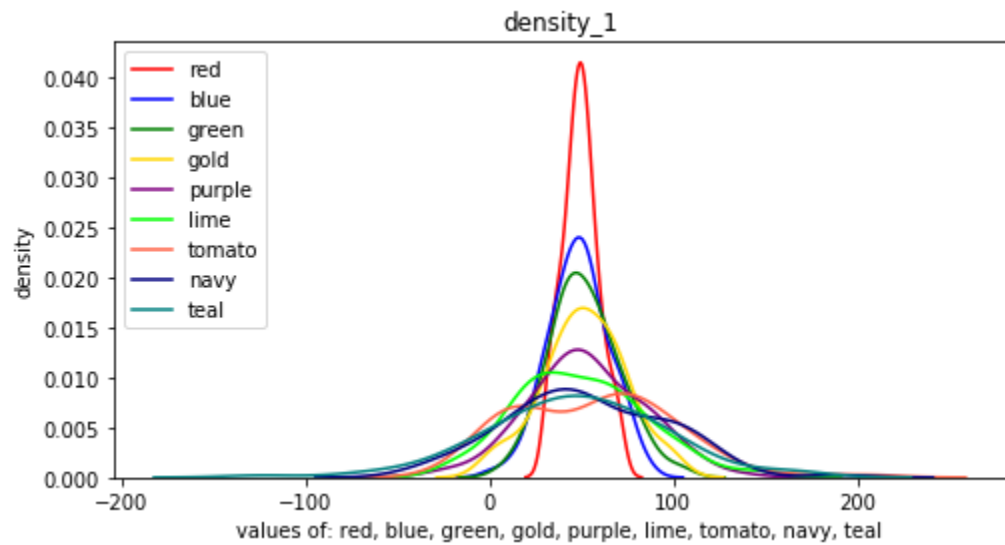
## Introduction

importing

```
In [1]: from pandas import read_excel
        from multi_density import create_multi_density
```

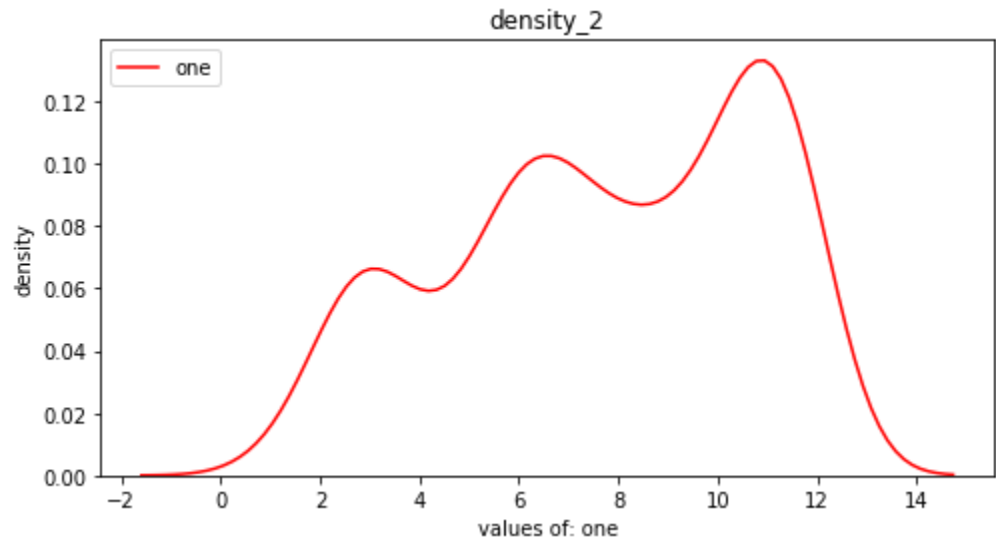
example 1: ten fields

```
In [2]: data = read_excel('example1.xlsx')
        create_multi_density(data, list(data.columns), "density_1")
```



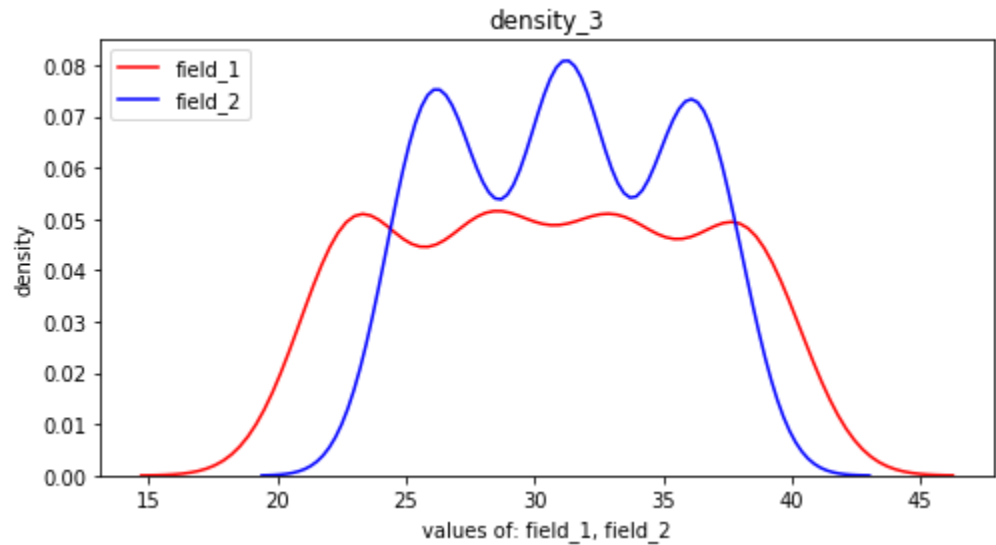
example 2: only one field

```
In [3]: data = read_excel('example2.xlsx')
        create_multi_density(data, 'one', "density_2")
```



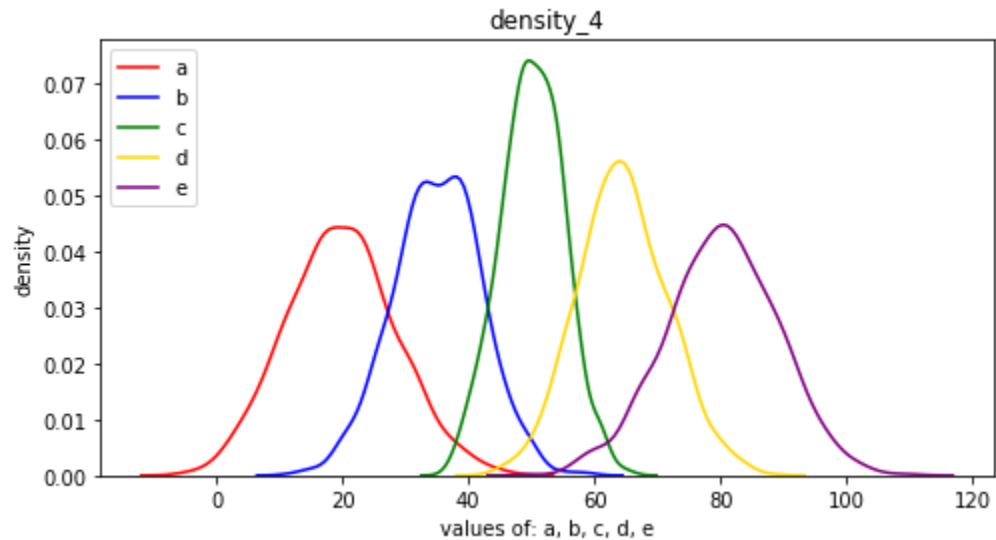
example 3: two fields

```
In [4]: data = read_excel('example3.xlsx')
        create_multi_density(data, ['field_1', 'field_2'], "density_3")
```



example 4: Specific fields

```
In [5]: data = read_excel('example4.xlsx')
        create_multi_density(data, ['a', 'b', 'c', 'd', 'e'], "density_4")
```



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