

PRAKTIKUM 01

1. Buat folder data dalam directory project jupyter notebook anda, folder ini untuk menyimpan file-file dataset
2. Letakan file-file dataset download dari e-learning elena, ekstrak file-file data dan letakan dalam folder data

 jupyter

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<input type="checkbox"/>	Name	Modified	File Size
<input type="checkbox"/>	 day.csv	5 days ago	56.2 KB
<input type="checkbox"/>	 hour.csv	5 days ago	1.1 MB
<input type="checkbox"/>	 latihan01.csv	2 hours ago	31 KB
<input type="checkbox"/>	 Readme.txt	5 days ago	5.5 KB

3. Buat folder notebooks dalam directory project jupyter notebook anda, folder ini untuk menyimpan file2 jupyter notebook (file ekstensi.ipynb)
4. Buat file pertama jupyter notebook anda dalam folder notebooks, beri nama file: praktikum01, dan tambahkan kode berikut ini:

jupyter praktikum01 Last Checkpoint: 5 days ago

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JupyterLab Python 3 (ipykernel)

```
[2]: import pandas as pd
```

```
[3]: df = pd.read_csv('../data/day.csv', sep=',')
```

```
[4]: df.head()
```

	instant	dteday	season	yr	mnth	holiday	weekday	workingday	weathersit	temp	atemp	hum	windspeed	casual	registered	cnt
0	1	2011-01-01	1	0	1	0	6	0	2	0.344167	0.363625	0.805833	0.160446	331	654	985
1	2	2011-01-02	1	0	1	0	0	0	2	0.363478	0.353739	0.696087	0.248539	131	670	801
2	3	2011-01-03	1	0	1	0	1	1	1	0.196364	0.189405	0.437273	0.248309	120	1229	1349
3	4	2011-01-04	1	0	1	0	2	1	1	0.200000	0.212122	0.590435	0.160296	108	1454	1562
4	5	2011-01-05	1	0	1	0	3	1	1	0.226957	0.229270	0.436957	0.186900	82	1518	1600

```
[5]: df_hour = pd.read_csv("../data/hour.csv")
```

```
[6]: display(df_hour.head())
```

	instant	dteday	season	yr	mnth	hr	holiday	weekday	workingday	weathersit	temp	atemp	hum	windspeed	casual	registered	cnt
0	1	2011-01-01	1	0	1	0	0	6	0	1	0.24	0.2879	0.81	0.0	3	13	16
1	2	2011-01-01	1	0	1	1	0	6	0	1	0.22	0.2727	0.80	0.0	8	32	40
2	3	2011-01-01	1	0	1	2	0	6	0	1	0.22	0.2727	0.80	0.0	5	27	32
3	4	2011-01-01	1	0	1	3	0	6	0	1	0.24	0.2879	0.75	0.0	3	10	13
4	5	2011-01-01	1	0	1	4	0	6	0	1	0.24	0.2879	0.75	0.0	0	1	1

```
[7]: df1 = df[["instant", "dteday", "season", "temp", "hum", "windspeed"]]
```

```
[8]: display(df1.head())
```

	instant	dteday	season	temp	hum	windspeed
0	1	2011-01-01	1	0.344167	0.805833	0.160446
1	2	2011-01-02	1	0.363478	0.696087	0.248539
2	3	2011-01-03	1	0.196364	0.437273	0.248309
3	4	2011-01-04	1	0.200000	0.590435	0.160296
4	5	2011-01-05	1	0.226957	0.436957	0.186900

```
[9]: df1.to_csv("../data/latihan01.csv", index=False)
```

```
[10]: print("File df1 berhasil disimpan ke ../data/latihan01.csv")
```

File df1 berhasil disimpan ke ../data/latihan01.csv