

Jupyter notebook in VScode

This is much better than other jupyter notebook

In []:

```
print("40 days of data science")
```

40 days of data science

In []:

```
import numpy as np

arr = np.array([1,2,3,4,5,6])
arr
```

array([1, 2, 3, 4, 5, 6])

In []:

```
codanics = "Data Science Course"
codanics
```

'Data Science Course'

In []:

```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt

iris = pd.read_csv("iris.csv")
iris.head()
```

	Id	SepalLengthCm	SepalWidthCm	PetalLengthCm	PetalWidthCm	Species
0	1	5.1	3.5	1.4	0.2	Iris-setosa
1	2	4.9	3.0	1.4	0.2	Iris-setosa
2	3	4.7	3.2	1.3	0.2	Iris-setosa
3	4	4.6	3.1	1.5	0.2	Iris-setosa
4	5	5.0	3.6	1.4	0.2	Iris-setosa

In []:

```
plt.plot(iris.Id, iris["SepalLengthCm"], "r--")
plt.show();
```

In []:

```
import seaborn as sns
sns.set_theme(style="ticks", palette="pastel")

# Load the example tips dataset
tips = sns.load_dataset("tips")

# Draw a nested boxplot to show bills by day and time
sns.boxplot(x="day", y="total_bill",
            hue="smoker", palette=["m", "g"],
            data=tips)
sns.despine(offset=10, trim=True)
```

In []:

```
sns.set_theme(style="ticks")

# Load the example dataset for Anscombe's quartet
df = sns.load_dataset("anscombe")

# Show the results of a linear regression within each dataset
sn.lmplot(x="x", y="y", col="dataset", hue="dataset", data=df,
          col_wrap=2, ci=None, palette="muted", height=4,
          scatter_kws={"s": 50, "alpha": 1})
```

NameError Traceback (most recent call last)

Input **In [15]**, in <module>

4 df = sns.load_dataset("anscombe")

6 # Show the results of a linear regression within each dataset

----> 7 **sn**.lmplot(x="x", y="y", col="dataset", hue="dataset", data=df,

8 col_wrap=2, ci=None, palette="muted", height=4,

9 scatter_kws={"s": 50, "alpha": 1})

NameError: name 'sn' is not defined