Jupyter notebook in VS code

better than JN

jav= "she is a girl"

In [ ]:
```
import numpy as np
```

In [ ]:
```
print("jav ki chaye")
```

```
jav ki chaye
```

In [ ]:
```
jav = "She likes Tea"
jav
```

Out[ ]:
```
'She likes Tea'
```

In [ ]:
```
import numpy as np
x = np.array([1,2,3,5,6,7])
x
```

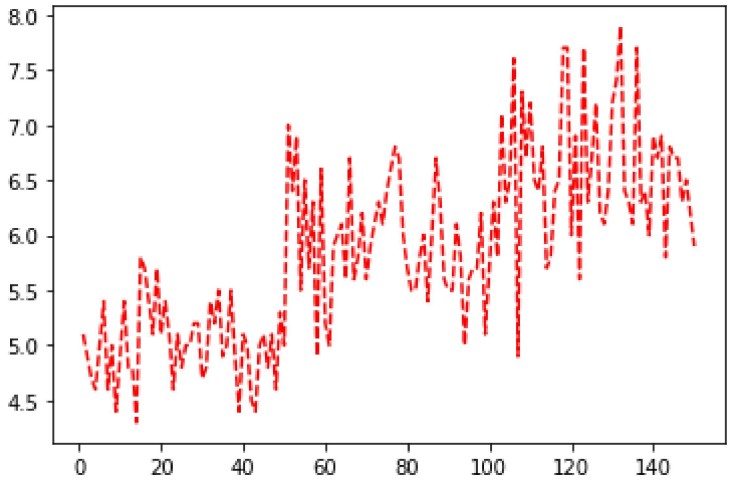
Out[ ]:
```
array([1, 2, 3, 5, 6, 7])
```

In [ ]:
```
import numpy as np
import pandas as pd
import matplotlib.pyplot as plt

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

	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
5	6	5.4	3.9	1.7	0.4	Iris-setosa
6	7	4.6	3.4	1.4	0.3	Iris-setosa
7	8	5.0	3.4	1.5	0.2	Iris-setosa
8	9	4.4	2.9	1.4	0.2	Iris-setosa
9	10	4.9	3.1	1.5	0.1	Iris-setosa

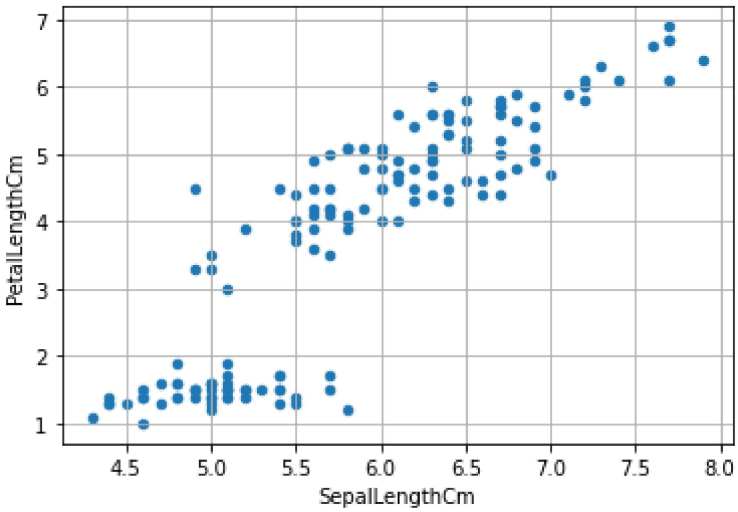
In [ ]:
```
import pandas as pd
import matplotlib.pyplot as plt
iris = pd.read_csv("Iris.csv")

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

Out[ ]:
```
<function matplotlib.pyplot.show(close=None, block=None)>
```



In [ ]:

```
iris.plot(kind ="scatter",
          x ='SepalLengthCm',
          y ='PetalLengthCm')
plt.grid()
```

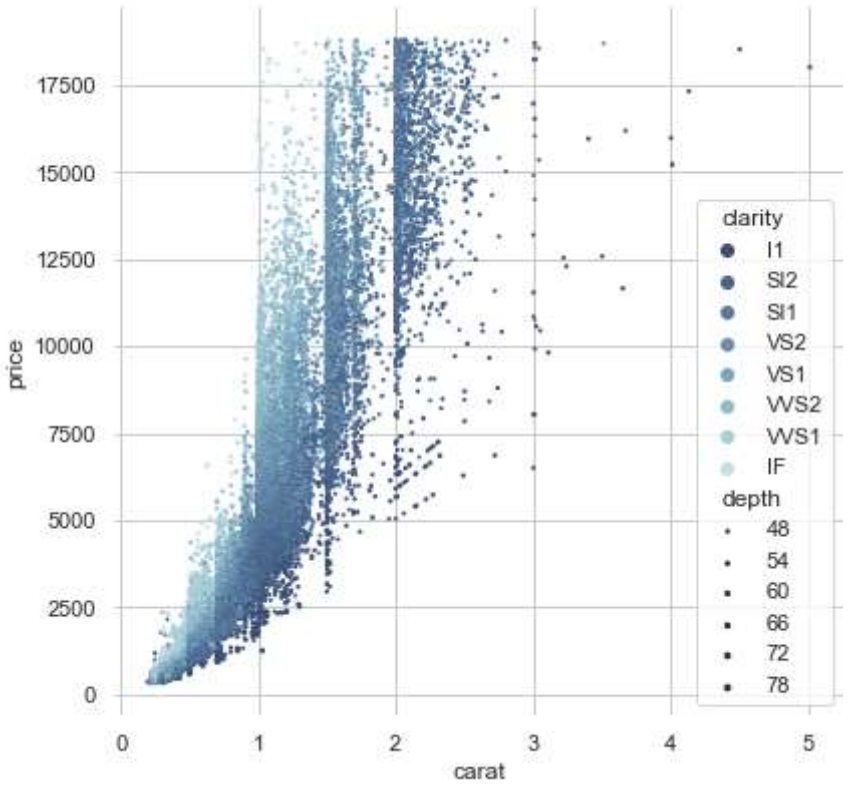


In [ ]:

```
import seaborn as sns
import matplotlib.pyplot as plt
sns.set_theme(style="whitegrid")

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

# Draw a scatter plot while assigning point colors and sizes to different
# variables in the dataset
f, ax = plt.subplots(figsize=(6.5, 6.5))
sns.despine(f, left=True, bottom=True)
clarity_ranking = ["I1", "SI2", "SI1", "VS2", "VS1", "VVS2", "VVS1", "IF"]
sns.scatterplot(x="carat", y="price",
                hue="clarity", size="depth",
                palette="ch:r=-.2,d=.3_r",
                hue_order=clarity_ranking,
                sizes=(1, 8), linewidth=0,
                data=diamonds, ax=ax)
```

```
<AxesSubplot:xlabel='carat', ylabel='price'>
```

Out[ ]:


price
carat
clarity
I1
SI2
SI1
VS2
VS1
VVS2
VVS1
IF
depth
48
54
60
66
72
78