

Python code

```
1 import seaborn as sns
2 import matplotlib.pyplot as plt
3 from sklearn import datasets
4 import pandas as pd
5 import numpy as np
6
7 iris
8 sepal length (cm) sepal width (cm) petal length (cm) petal width (cm) target
   species
9 0 5.1 3.5 1.4 0.2 0.0 setosa
10 1 4.9 3.0 1.4 0.2 0.0 setosa
11 ..
12 148 6.2 3.4 5.4 2.3 2.0 virginica
13 149 5.9 3.0 5.1 1.8 2.0 virginica
14
15 # 1. Histogram
16 iris = sns.load_dataset("iris")
17
18 # Plot histogram
19 sns.histplot(data=iris, x="petal_length", kde=False, bins=20, color = 'darkred')
20 plt.title('Histogram of Petal Length by Species')
21 plt.xlabel('Petal Length')
22 plt.ylabel('Frequency')
23 plt.show()
```

Histogram

