import pandas as pd

import numpy as np

import seaborn as sns

df = pd.read\_csv('IRIS.csv')

df.head()

df.describe()

def skewness(col):

return (3 \* (col.mean() - col.median())/col.std())

print(skewness(df['sepal\_length']))

print(skewness(df['sepal\_width']))

print(skewness(df['petal\_length']))

print(skewness(df['petal\_width']))

sns.displot(kde=True, data=df['sepal\_length'])

sns.displot(kde=True, data=df['sepal\_width'])

sns.displot(kde=True, data=df['petal\_length'])

sns.displot(kde=True, data=df['petal\_width'])

df1 = df[df['species'] == 'Iris-setosa']

df2 = df[df['species'] == 'Iris-versicolor']

df3 = df[df['species'] == 'Iris-virginica']

print(df1.shape)

print(df2.shape)

print(df3.shape)

df1.describe()

df2.describe()

df3.describe()