import pandas as pd

import numpy as np

import matplotlib.pyplot as plt

import seaborn as sns

# Set random seed for reproducibility

np.random.seed(1)

# Generate new random data

data\_new = {

'Group': np.random.choice(['X', 'Y', 'Z', 'W', 'V'], 100),

'Measure': np.random.randn(100)

}

df\_new = pd.DataFrame(data\_new)

# Create a box plot

plt.figure(figsize=(12, 6))

sns.boxplot(x='Group', y='Measure', data=df\_new)

plt.xlabel('Group')

plt.ylabel('Measure')

plt.title('Box Plot of Measure by Group')

plt.grid(True)

plt.show()