import pandas as pd

import numpy as np

date\_range = pd.date\_range(start='2024-01-01', end='2024-12-31', freq='D')

data = np.random.randn(len(date\_range))

# Create a time series DataFrame

time\_series\_df = pd.DataFrame(data, index=date\_range, columns=['Value'])

# Display the first few rows of the DataFrame

print(time\_series\_df.head())