import pandas as pd

import matplotlib.pyplot as plt

import seaborn as sns

file\_path = r"C:\Users\User\Downloads\scottish\_hills.csv"

df = pd.read\_csv(file\_path)

print(df.head())

print(df.info())

print(df.describe())

sns.set(style='whitegrid')

# Plot 1: Histogram of height

plt.figure(figsize=(10, 6))

sns.histplot(df['Height'], kde=False, bins=30, color='blue')

plt.title('Distribution of Heights')

plt.xlabel('Height')

plt.ylabel('Frequency')

plt.show()

# Plot 2: Frequency polygon of height

plt.figure(figsize=(10, 6))

sns.histplot(df['Height'], kde=True, bins=30, color='blue', stat='density')

plt.title('Frequency Polygon of Heights')

plt.xlabel('Height')

plt.ylabel('Density')

plt.show()

# Plot 3: Histogram of Latitude

plt.figure(figsize=(10, 6))

sns.histplot(df['Latitude'], kde=False, bins=30, color='green')

plt.title('Distribution of Latitude')

plt.xlabel('Latitude')

plt.ylabel('Frequency')

plt.show()

# Plot 4: Frequency polygon of Latitude

plt.figure(figsize=(10, 6))

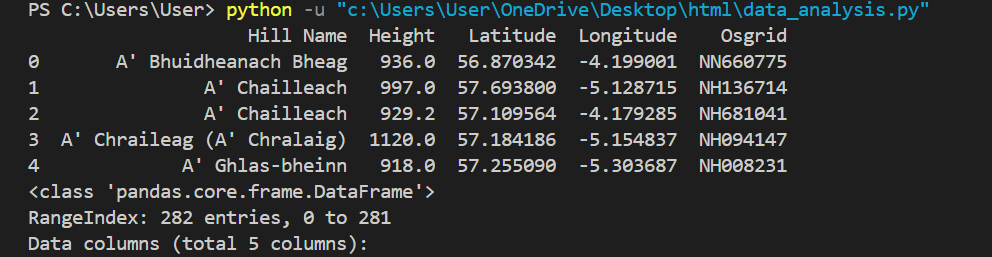
sns.histplot(df['Latitude'], kde=True, bins=30, color='green', stat='density')

plt.title('Frequency Polygon of Latitude')

plt.xlabel('Latitude')

plt.ylabel('Density')

plt.show()



A screen shot of a computer

Description automatically generated

A screenshot of a computer screen

Description automatically generated

A graph of a number of blue bars

Description automatically generated with medium confidence

A graph with a blue line

Description automatically generated

A green graph with white squares

Description automatically generated

A green graph with a green line

Description automatically generated