1. Graphical user interface, application, Word

   Description automatically generated
2. import numpy as np

import pandas as pd

import matplotlib.pyplot as plt

import seaborn

cities = pd.read\_csv('cities.csv')

1. LatS = np.array(cities['LatS'])
2. print(LatS)
3. print("Average Latitude South: ", LatS.mean())

print("Standard Deviation LatS: ", LatS.std())

print("Minimum Latitude South: ", LatS.min())

print("Maximum Latitude South: ", LatS.max())

1. print("30th percentile: ", np.percentile(LatS, 30))

print("Median: ", np.median(LatS))

print("70th percentile: ", np.percentile(LatS, 70))

1. plt.hist(LatS)

plt.title('Latitude South Distribution - By Nick')

plt.xlabel('Latitude South')

plt.ylabel('Number')

Chart, histogram

Description automatically generated