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# Python program to implement One Sample Z-Test

# Importing the required libraries
import pandas as pd
from scipy import stats
from statsmodels.stats import weightstats as stests

# Creating a dataset
data = [89, 93, 95, 93, 97, 98, 96, 99, 93, 97,
110, 104, 119, 105, 104, 110, 110, 112, 115, 114]

# Performing the z-test
z_test ,p_val = stests.ztest(data, x2 = None, value = 160)
print(p_val)

2.417334226169332e-186

# taking the threshold value as 0.05 or 5%
if p_val < 0.05:
    print("We can reject the null hypothesis")
else:
    print("We can accept the null hypothesis")

We can reject the null hypothesis
```