

Practice Problem

Look at the following dataset:

```
[1] 81 99 88 16 41 45 22 40 34 93  7 76 30 28 75 24 73 13 55 32
```

A researcher has shown that the population mean is 68 and the standard deviation is 5.4088009. Use the Z-Test to find out if this sample is different from the established mean and standard deviation.