Perform T-Test (e.g. on Mean) in Python and R

1. Python: https://docs.scipy.org/doc/scipy/reference/generated/scipy.stats.ttest_ind.html
2. R: https://www.rdocumentation.org/packages/stats/versions/3.6.2/topics/t.test

Python

```
import numpy as np
from scipy import stats

x = np.linspace(-15, 15, 100)
y = np.linspace(-12.5, 10.5, 100)

stats.ttest_ind(x, y, equal_var=False)

> Ttest_indResult(statistic=0.9027115856159632, pvalue=0.36784969179902227)
```

R

```
x = seq(-15, 15, length.out=100)
y = seq(-12.5, 10.5, length.out=100)

t.test(x, y)

>        Welch Two Sample t-test

data:  x and y
t = 0.90271, df = 185.5, p-value = 0.3678
alternative hypothesis: true difference in means is not equal to 0
95 percent confidence interval:
 -1.185455  3.185455
sample estimates:
    mean of x     mean of y
 4.825133e-16 -1.000000e+00
```