

Aim: To find the effect of temperature on the rate of reaction between sodium thiosulfate solution and hydrochloric acid.

ALGORITHM :

- CODE :

x = train, x-test, y = train, y-test = train-test-split (x, y, test-size = 0.2, shuffle = True, random-state = 42)

```
clf = MLPRegressor (max-iter=1000)
```

```
clf.fit ( x-train , y-train)
```

```
print (f" R2 score for Training Data = {clf.score (x-train, y-train)}")
```

```
print (f" R2 score for Testing Data = {clf.score (x-test, y-test)}")
```

OUTPUT:

R2 score for Test Data = 0.9686558466621529

RESULT:

This implementation of Artificial Neural Network for application integration is successfully executed.