

```
● PS C:\Users\ASUS\OneDrive\Desktop\Internship\Elevate Labs\Task 4> & "c:/Users/ASUS/OneDrive/Desktop/Internship/Elevate Labs/Task 4/venv/Scripts/python.exe" "c:/Users/ASUS/OneDrive/Desktop/Internship/Elevate Labs/Task 4/venv/logistic_regression.py"
Accuracy: 0.9736842105263158
Precision: 0.9761904761904762
Recall: 0.9534883720930233
F1 Score: 0.9647058823529412
ROC AUC: 0.99737962659679
○ PS C:\Users\ASUS\OneDrive\Desktop\Internship\Elevate Labs\Task 4>
```

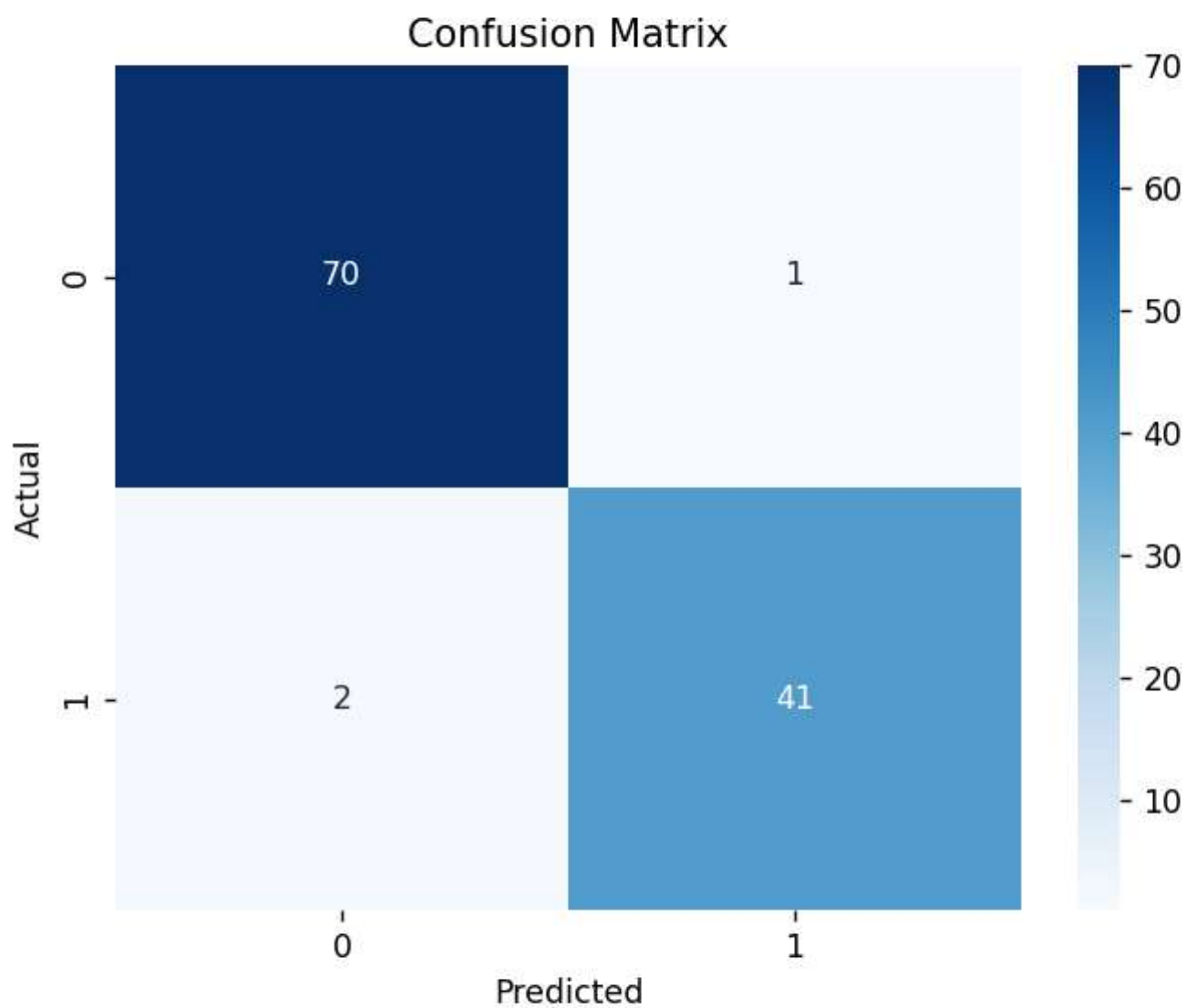


Figure 1

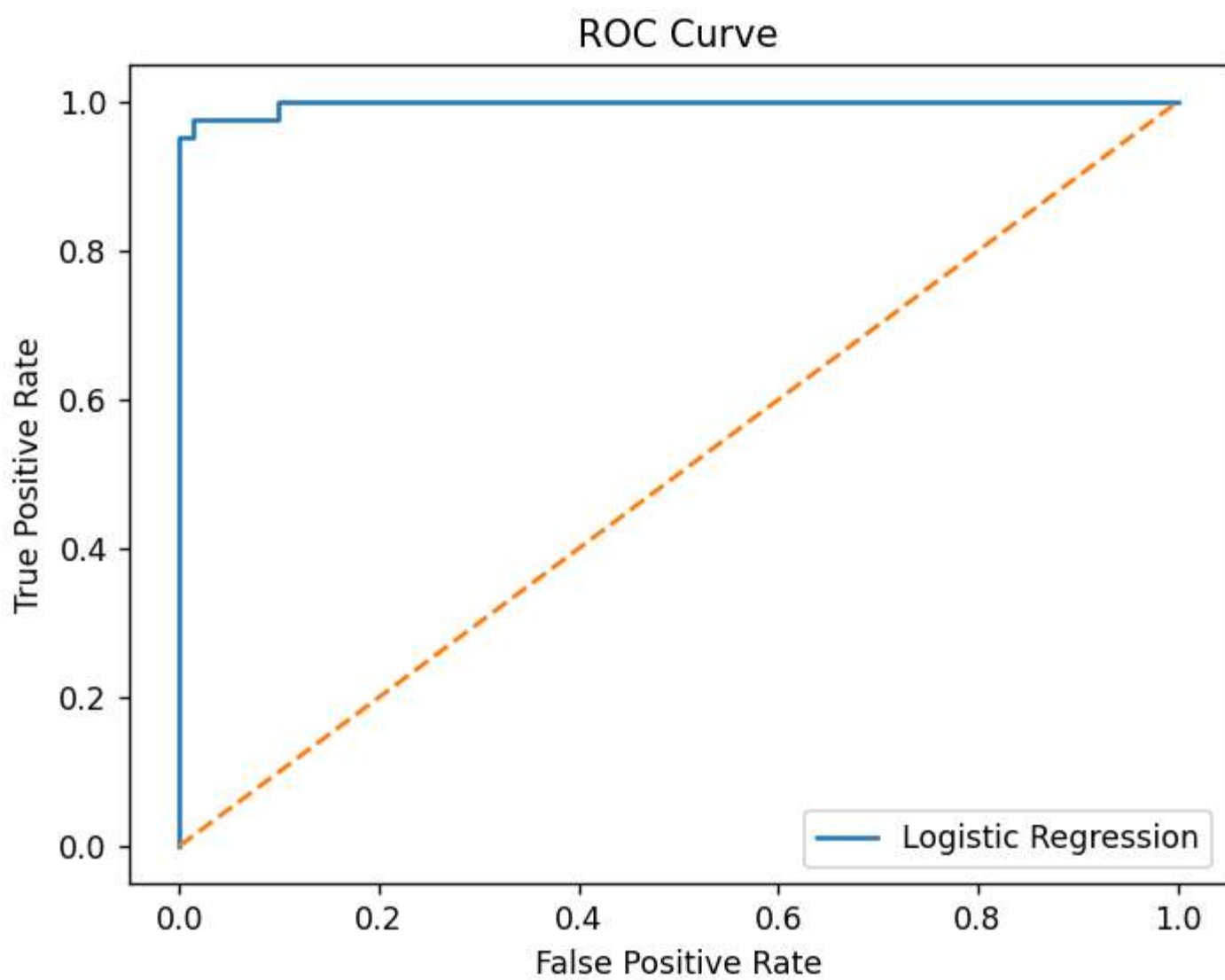


Figure 1

Sigmoid Function

