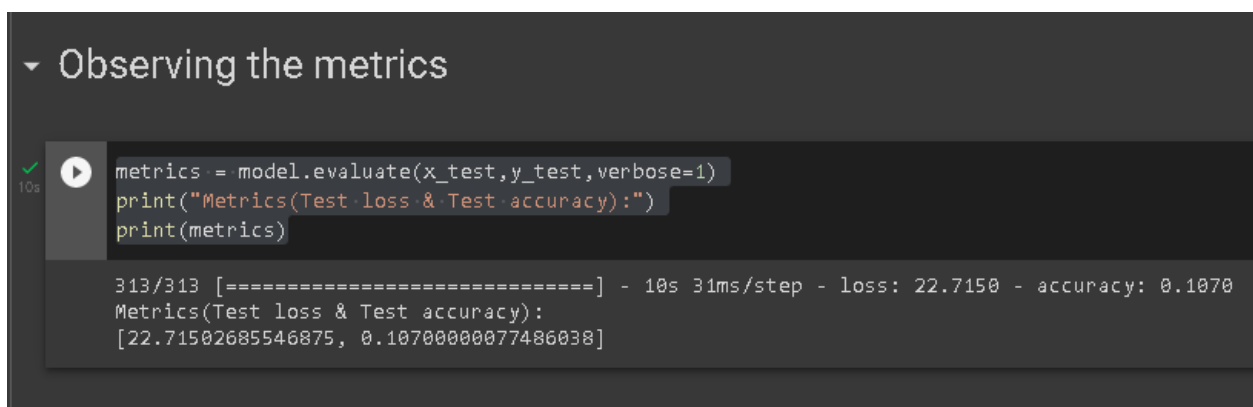


A NOVEL METHOD FOR HANDWRITTEN DIGIT RECOGNITION SYSTEM

MODEL BUILDING

Observing the metrics

```
metrics = model.evaluate(x_test,y_test,verbose=1)
print("Metrics(Test loss & Test accuracy):")
print(metrics)
```



A screenshot of a Jupyter Notebook interface. The top section is titled "Observing the metrics" with a dropdown arrow. Below the title, there is a code cell containing three lines of Python code: `metrics = model.evaluate(x_test,y_test,verbose=1)`, `print("Metrics(Test loss & Test accuracy):")`, and `print(metrics)`. To the left of the code cell, there is a green checkmark and a play button icon. Below the code cell, the output is displayed, showing the progress bar "313/313 [=====] - 10s 31ms/step - loss: 22.7150 - accuracy: 0.1070", followed by the printed output: `Metrics(Test loss & Test accuracy):` and `[22.71502685546875, 0.10700000077486038]`.

```
▼ Observing the metrics
```

```
✓ 10s ▶ metrics = model.evaluate(x_test,y_test,verbose=1)
print("Metrics(Test loss & Test accuracy):")
print(metrics)
```

```
313/313 [=====] - 10s 31ms/step - loss: 22.7150 - accuracy: 0.1070
Metrics(Test loss & Test accuracy):
[22.71502685546875, 0.10700000077486038]
```