

```
1 C:\python3.11.1\python.exe "C:\Users\jatin\PycharmProjects\python first Project\
  PROGRAMMING.py"
2 [ ] Model Accuracy: 78.97%
3
4 [ ] Classification Report:
5           precision    recall  f1-score   support
6
7             0         0.70        1.00        0.82        1957
8             1         0.99        0.59        0.74        2043
9
10          accuracy
11          macro avg         0.85        0.79        0.78        4000
12          weighted avg         0.85        0.79        0.78        4000
13
14
15 [ ] Confusion Matrix:
16 [[1949    8]
17  [ 833 1210]]
18
19 Predicted Fault Locations:
20           Latitude  Longitude
21 9010    25.587131   85.133920
22 3872    25.584326   85.124018
23 19575   25.596398   85.136492
```

```
24 14869 25.585638 85.127622
25 14446 25.587266 85.121444
26 ... ... ...
27 14275 25.580006 85.139772
28 7138 25.584693 85.135389
29 2833 25.589418 85.138666
30 13647 25.591318 85.130808
31 15291 25.580179 85.126905
32
33 [1218 rows x 2 columns]
34 Map saved as fault_detection_map.html.
35 Heatmap saved as fault_heatmap.html.
36
37 Process finished with exit code 0
38
```