ReadMe

1. **To run the project, make sure you have all the following prerequisites installed.**

```
numpy==1.25.2
pandas==2.1.2
scikit_learn==1.3.1
tensorflow==2.14.0
tensorflow_intel==2.14.0
```

Figure 1: List of prerequisites to run the problem

2. **Unzip the contents in the code folder and the dataset into a single folder.**

```
C:\Project
├────DT.py
├────RF.py
├────ANN.py
├────CNN.py
├────data.csv
...
```

Figure 2: Example directory structure to execute the project

3. **To run any of the models, open the respective .py file through VSC IDE (or other equivalent IDEs).**

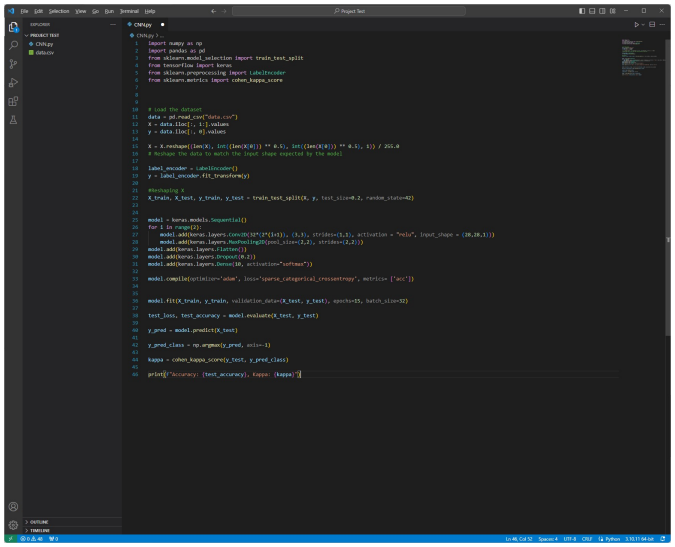

Figure 3:IDE panel with the opened file

4. **Click F5 to run the model. A successful run should return the respective Accuracy and Cohen Kappa scores of the model in evaluating a set of test data x_test and y_test.**

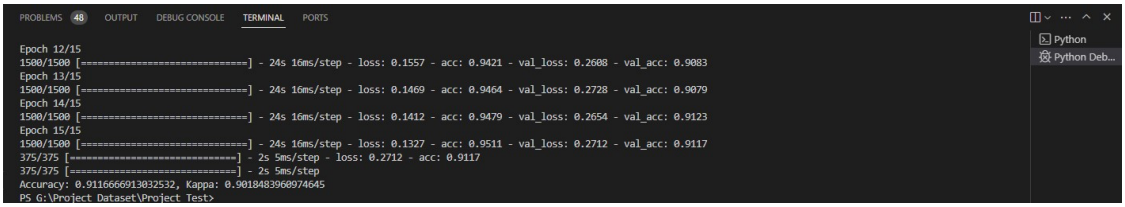

Figure 4: Example result output