REPORT

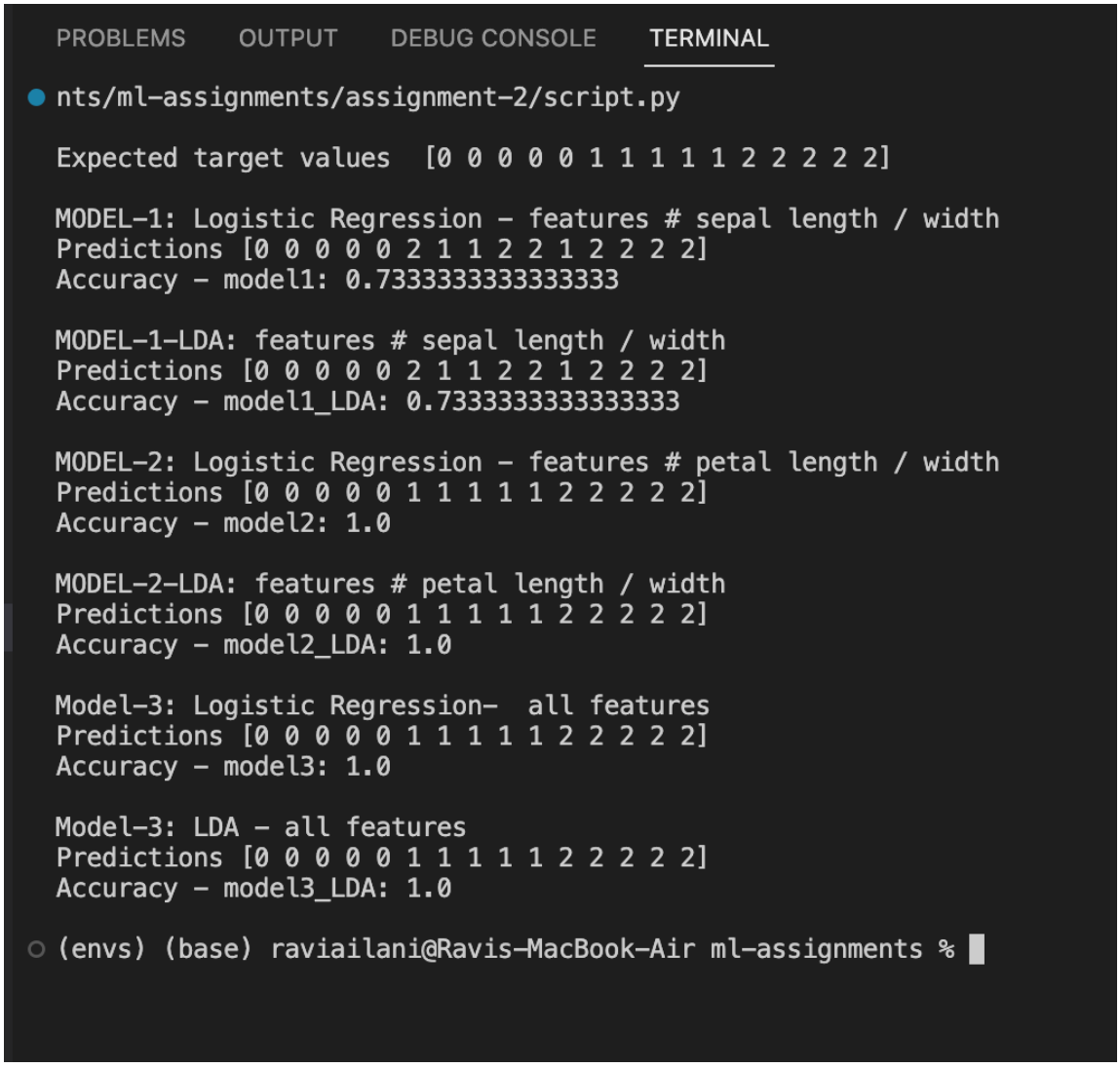
Iris Flower Dataset:
The following images have been generated from training the iris flower dataset with respect to different combinations with hyperparameters as

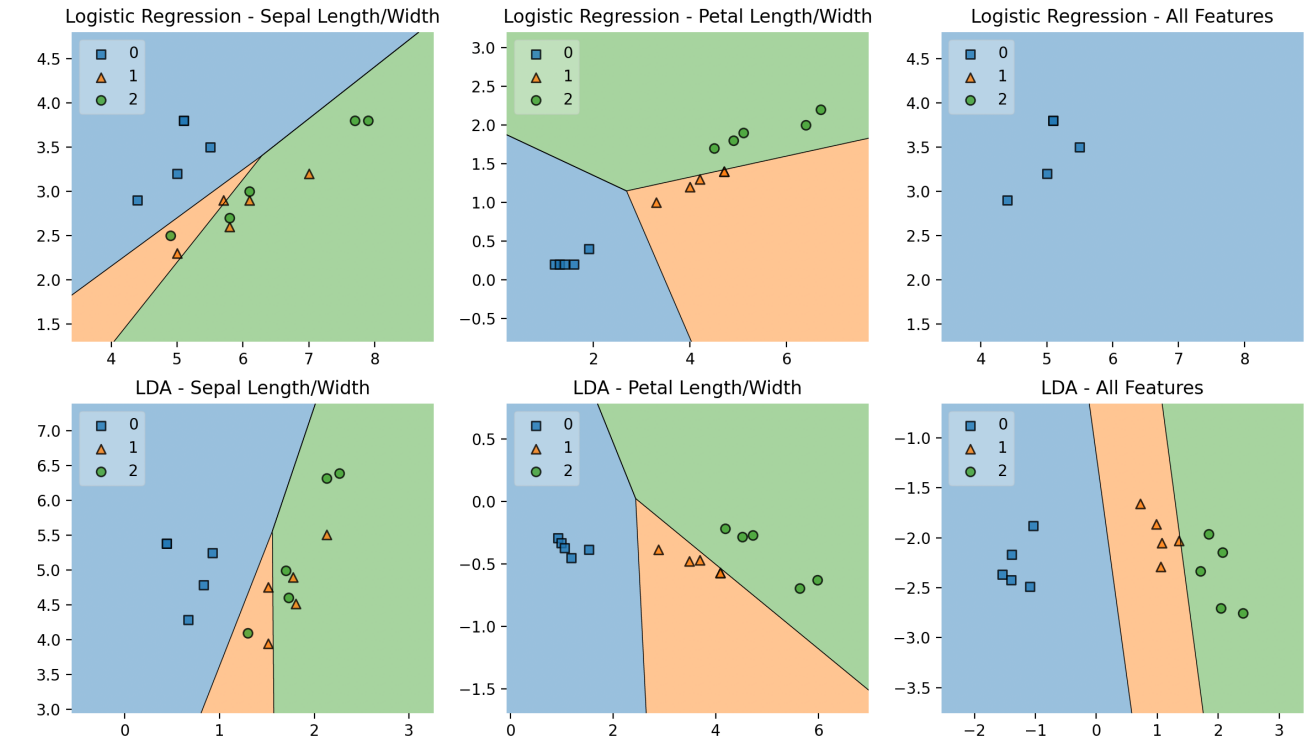
1. learning_rate = 0.05
2. max_epochs=1000,
3. patience=3

How to run the program:

- ***python3 script.py***

script.py file on the project root contains the necessary code to initialize 3 models – Logistic Regression and Linear Discriminant Analysis i.e. 2 for each variant.





Configurations

The above plot has been generated on a randomly sorted dataset. If consistent results are needed, ***please set randomness_allowed variable to False***.