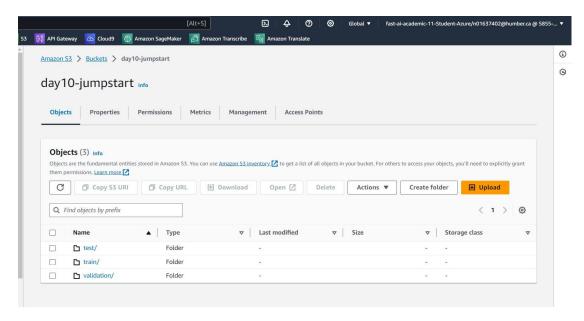
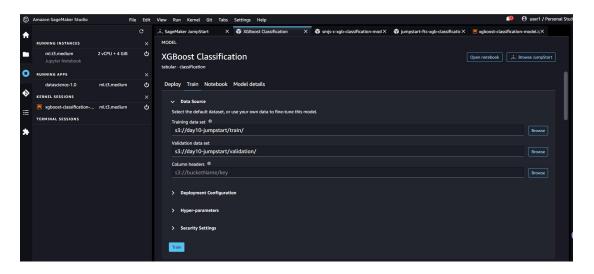
Name: Mohammed Bilal Shakil Ahmed Khan

Student ID: N01637402

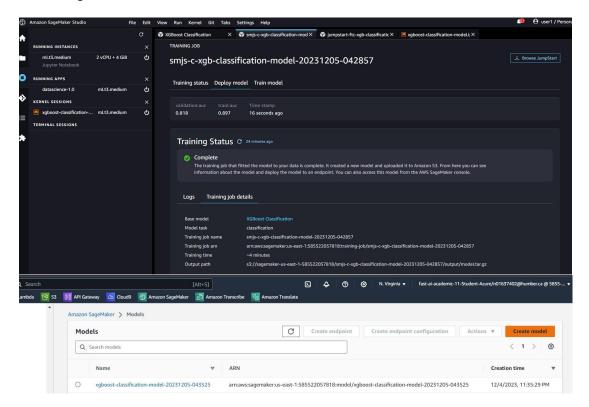
1. Upload train, validation and test data.



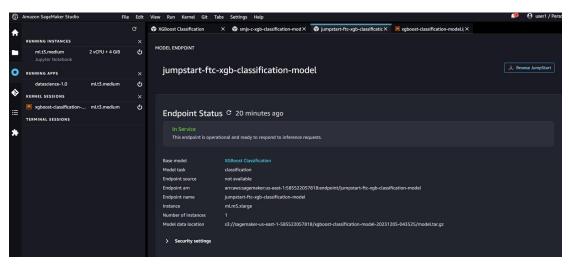
2. Select XGBoost Classification algorithm, select train and validation dataset, select IAM role and then train.

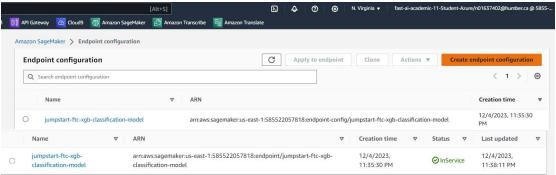


## 3. Training status.



## 4. Them deploy the model.





5. Evaluation metrics.

```
[8]: # Measure the prediction results quantitatively.
    eval_accuracy = accuracy_score(ground_truth_label.values, predict_label)
    eval_f1_macro = f1_score(ground_truth_label.values, predict_label, average="macro")
    eval_f1_micro = f1_score(ground_truth_label.values, predict_label, average="micro")

print (
    f"[bold]Evaluation result on test data{unbold}:{newline}"
    f"{bold}Falwacroscore.__name__}{unbold}: {eval_accuracy}{newline}"
    f"{bold}F1 Macro{unbold}: {eval_f1_macro}{newline}"
    f"{bold}F1 Micro{unbold}: {eval_f1_micro}{newline}"
)

Evaluation result on test data:
    accuracy_score: 0.9317269076305221
F1 Macro: 0.7233656977386307
F1 Micro: 0.9317269076305221
```