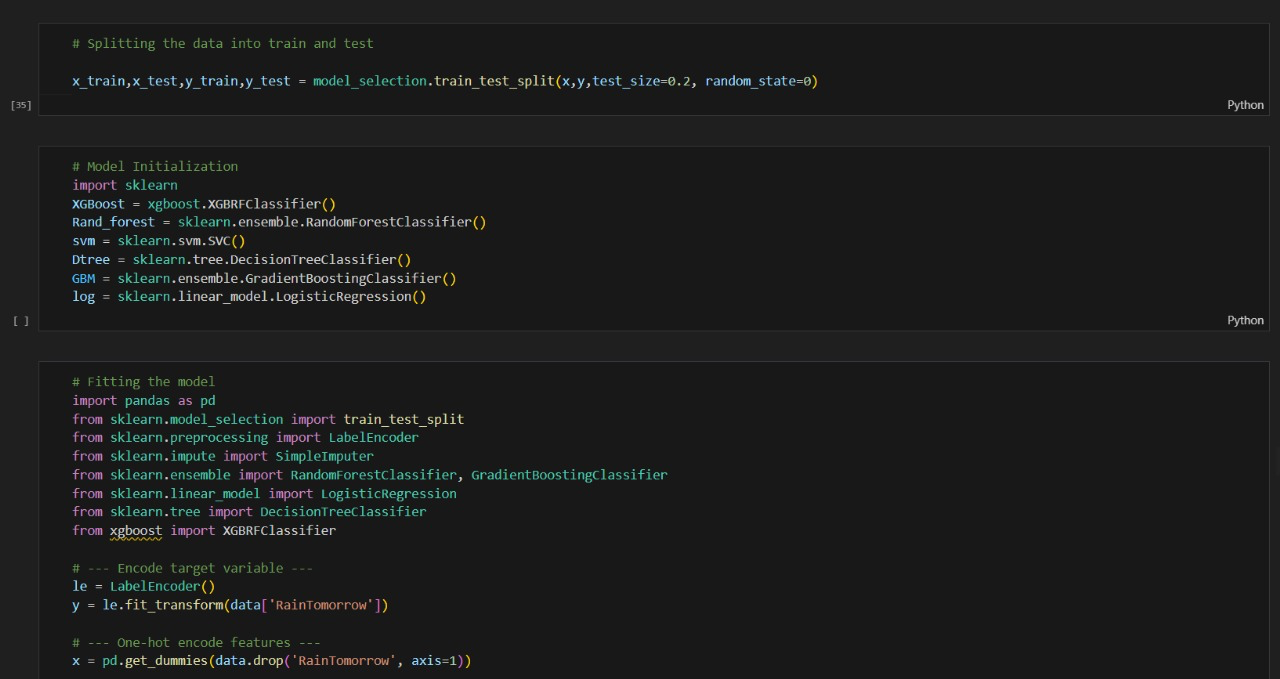
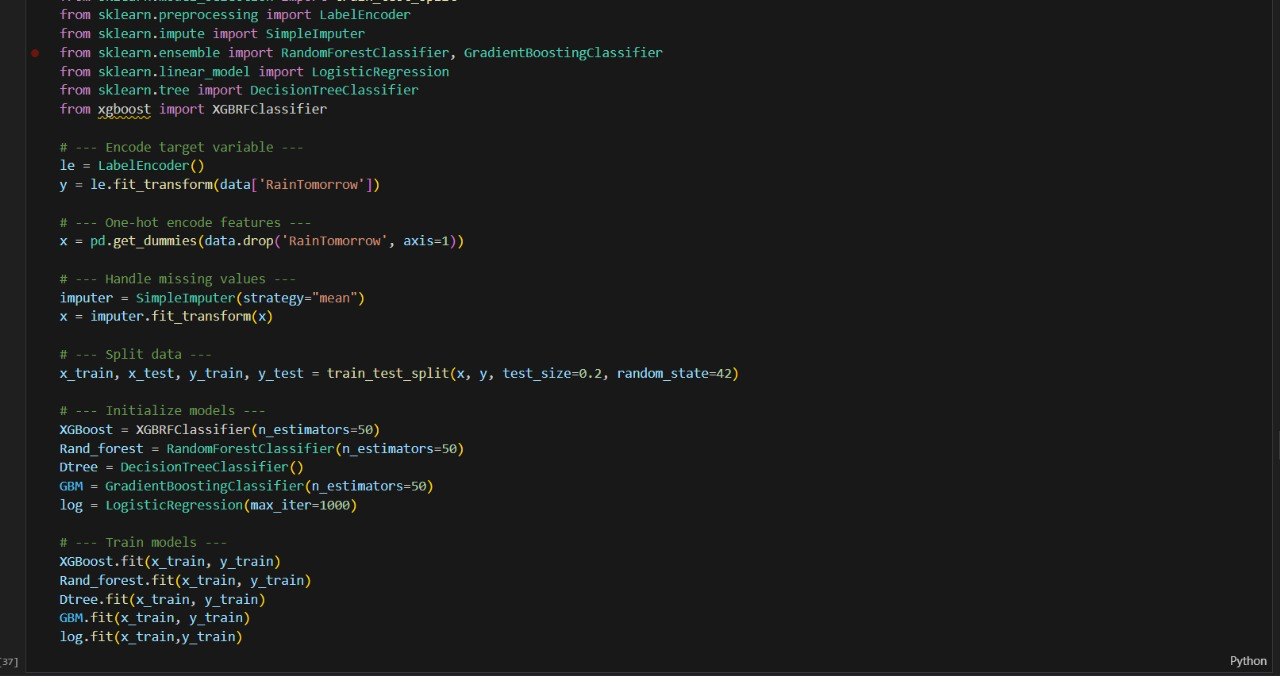
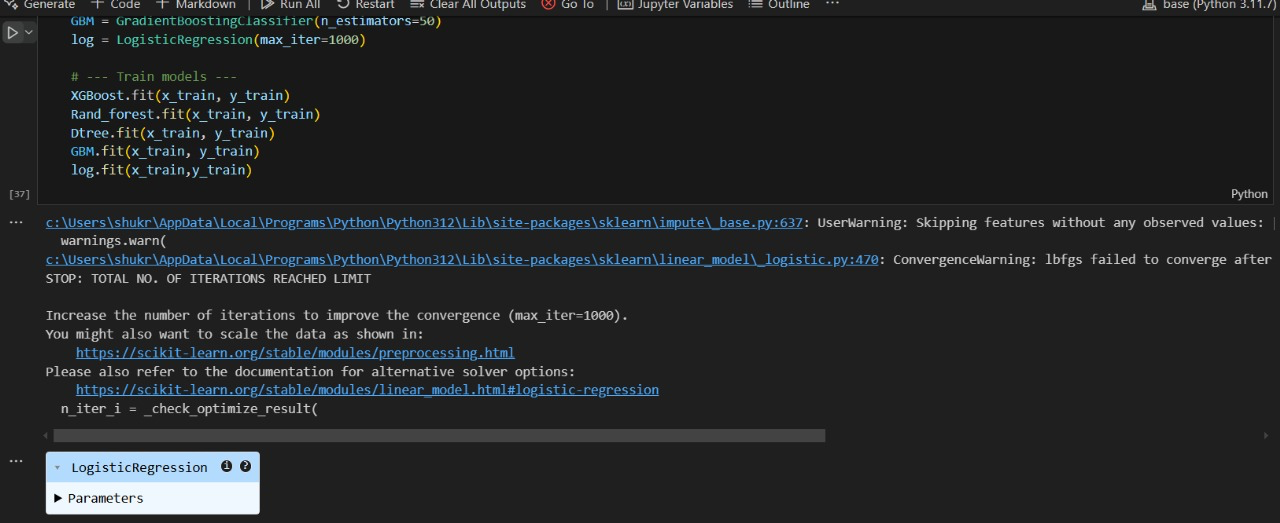
**Model Development Phase**

**Initial Training Code :**

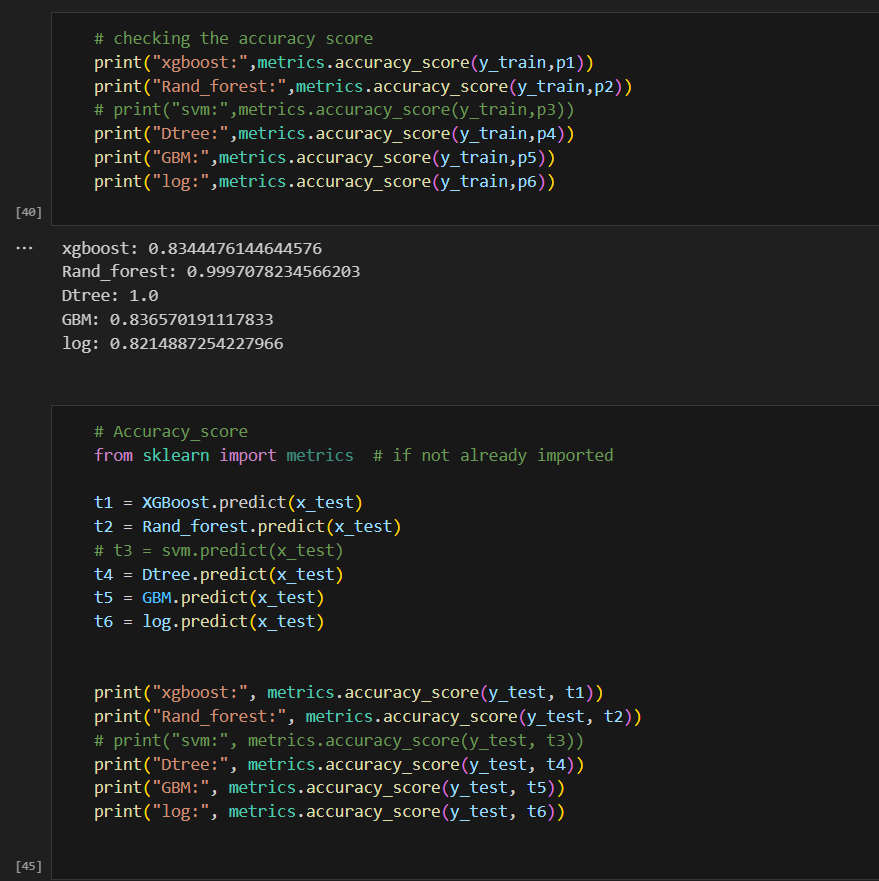
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**Model Evaluation and Validation Report :**

* **Accuracy Score**

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**xgboost: 0.8252096796370136**

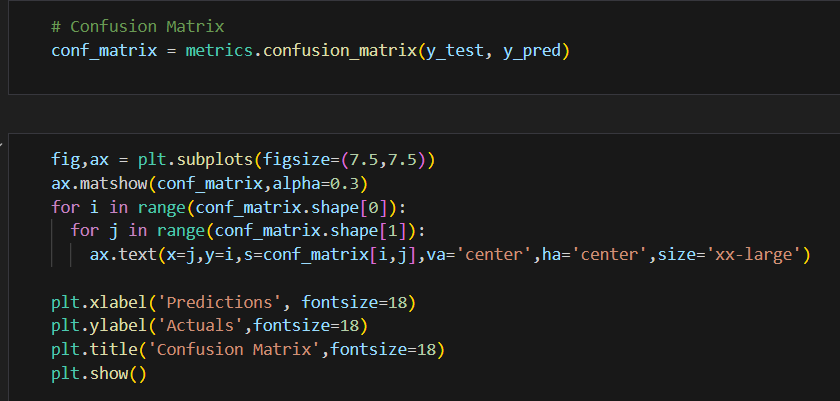
**Rand\_forest: 0.8323594115220679**

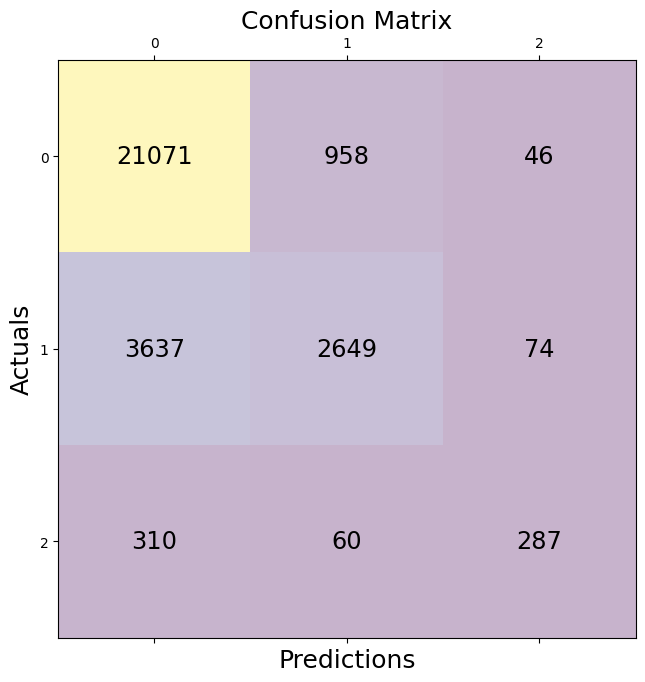
**Dtree: 0.7958545304551079**

**GBM: 0.8327031486319263**

**log: 0.8202254915440671**

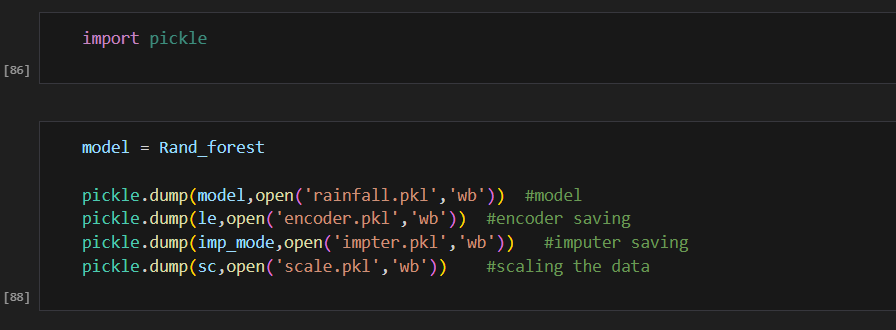
* **Confusion Matrix**

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**Save The Model:**

* **Model is saved using pickle**

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