## Results:

|  |  |  |  |
| --- | --- | --- | --- |
| **Model** | **Train AUC** | **Validation AUC** | **Test AUC** |
| Logistic Regression with Selected features | 0.756 | 0.747 | 0.753 |
| Random Forest with Selected features | 0.841 | 0.751 | 0.751 |
| **LightGBM with Selected features** | **0.861** | **0.781** | **0.787** |

**LightGBM** gives the best performance and it is also faster to train when compared to Xgboost.