|  |  |
| --- | --- |
| **Learning Rate** | **Average 5K-Fold Accuracy** |
| 0.00001 | 0.8402 |
| 0.00015 | 0.8303 |
| 0.0005 | 0.8200 |

**Learning Rate and their Corresponding Accuracy for Dataset 2 (Adult dataset) using Logistic Regression:**

|  |  |
| --- | --- |
| Optimal Learning Rate | 0.00001 |
| Iterations necessary | 5000 |
| Test Set Accuracy | 0.8401 |