# Binary Logistic Regression:

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| --- | --- |
| **Learning rate (lr) [**Max\_iter = 500**]** | **Validation Accuracy** |
| 0.1 | 67.83 |
| 0.01 | 78.26 |
| 0.001 | 67.83 |
| 0.0001 | 69.57 |

**Chosen lr: 0.01**

**Test Accuracy**:  **64.35**  (lr =  **0.01** )