# Binary Logistic Regression:

|  |  |
| --- | --- |
| **Learning rate (lr) [**Max\_iter = 500**]** | **Validation Accuracy** |
| 0.1 | 46.22641509433962 |
| 0.01 | 21.69811320754717 |
| 0.001 | 27.358490566037737 |
| 0.0001 | 24.528301886792452 |

**Chosen lr: 0.1**

**Test Accuracy**:  **36.633663366336634**  (lr =  **0.1** )

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Section: A