|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| **Num Iterations** | **Learning Rate** | **train accuracy** | **test accuracy** | **Plot** |
| 500 | 0.005 | 90.625 | 100 |  |
| 1000 | 0.005 | 96.95 | 100 |  |
| 1500 | 0.005 | 97.9 | 99.7 |  |
| 2000 | 0.005 | 98.25 | 99.6 |  |
| 5000 | 0.005 | 98.65 | 99.3 |  |
|  |  |  |  |  |
| 500 | 0.5 | 99.15 % | 98.5 % |  |
| 1000 | 0.5 | 99.25 | 98.3 |  |
| 1500 | 0.5 | 99.3 | 98.1 |  |
| 2000 | 0.5 | 99.275 | 97.9 |  |
| 5000 | 0.5 | 99.425 | 97.4 |  |
|  |  |  |  |  |
| 500 | 0.015 | 97.9 | 99.7 |  |
| 1000 | 0.015 | 98.45 | 99.3 |  |
| 1500 | 0.015 | 98.675 | 99.3 |  |
| 2000 | 0.015 | 98.75 | 99.2 |  |
| 5000 | 0.015 | 98.975 | 99.1 |  |