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CSE 3812 (A): AI Lab

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**Logistic Regression (Use Irish data):**

|  |  |
| --- | --- |
| **l.r.** | **Validation Accuracy**  **(%)** |
| .1 | 100.0 % |
| .01 | 100.0 % |
| .001 | 100.0 % |
| .0001 | 91.30434782608695 % |
| .00001 | 65.21739130434783 % |
| .000001 | 56.52173913043478 % |

It seems like **l.r. = .1, .01, .001** has the **Highest Accuracy Rate** which is **100%**

After testing the **Test set** with **l.r. = .001**, the **Accuracy Rate** is **100%**