**[Que-50.39] - What is the difference between LI and L2 reqularization in logistic regression?**

### **L1 vs. L2 Regularization in Logistic Regression**

1. **L1 Regularization (Lasso)**: Adds a penalty equal to the absolute value of the magnitude of coefficients. It can shrink some coefficients to zero, effectively performing feature selection.
2. **L2 Regularization (Ridge)**: Adds a penalty equal to the square of the magnitude of coefficients. It tends to shrink coefficients evenly, preventing any one feature from dominating.