**[Que-50] - How can logistic regression be extended to handle multiclass classification?**

### **Extending Logistic Regression to Handle Multiclass Classification**

Logistic regression can be extended to multiclass classification using techniques such as:

1. **One-vs-Rest (OvR)**: Builds a separate binary classifier for each class against all other classes.
2. **Softmax Regression (Multinomial Logistic Regression)**: Generalizes logistic regression by using the softmax function to handle multiple classes directly.