**[Que-50.16] - Define AUC-ROC curve.**

### **AUC-ROC Curve**

**Definition:** The AUC-ROC curve is a performance measurement for classification problems at various threshold settings.

**Components:**

* **ROC Curve:** A plot of True Positive Rate (Recall) against False Positive Rate.
* **AUC (Area Under the Curve):** Represents the degree of separability. Higher AUC indicates a better model.