

SNS COLLEGE OF TECHNOLOGY



AN AUTONOMOUS INSTITUTION COIMBATORE 35

DEPARTMENT OF ELECTRONICS AND COMMUNICATION ENGINEERING

Teoting Markine Learning Algorithm: -Testing Vs. Evaluation

Evaluation - Focuses on the overall Performance Perhaps enamples of incorrect Predictions. Testing! Go beyond evaluating Models' Restormance
on Chessets of date. It ensures that the
Composite ports of the ML Cfortens are
working effectively to achieve the desired level
of quality results.

It Leeps point out frans in the code, dage, and Hoder do they can be freel. Best Practices in Offware testing: ('1) Test offer indroducting a new Component, Model, or date, and after Hodel reducing (ii) Test before deployment and Drodussa. (111) Write fests to avoid recognized bugs in the future Testing ML Modes has additional requirements. You also need to follow testing Poinciples to the Me problem. (i) Robustness (1) Interpretability (11) Legroducibility How to fest Machine learning males? (1) Unit fest - cheer the correctnes individual model Component (11) Legrenson test - chen whether your model brown and fest for Previously encountery Integration test - ofen whether the difference in with each other within your marking to