

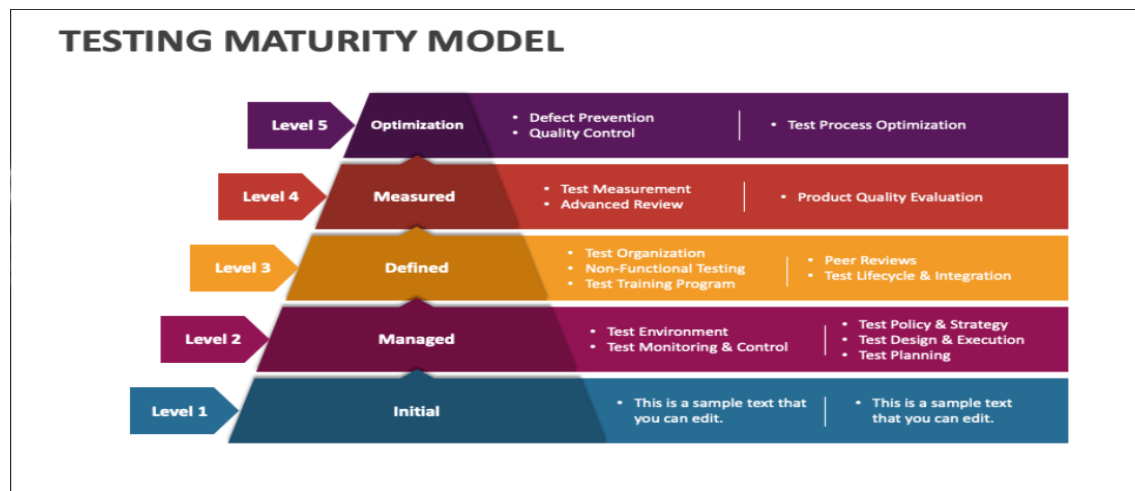
TEST MATURITY MODEL

Why we do software testing we do software testing to achieve maximum quality and lesser defect / errors

Test Maturity Model is one of such model which is a set of structured level and it is based on capability maturity model (CMM)

Nowadays TMM is replaced by Test Maturity Model Integration (TMMI) which is a five level model that provides the framework to measure the maturity of testing process

Test maturity model primary purpose is to find the maturity and provide target to enhance the software Testing process



LEVELS OF TEST MATURITY MODELS

INITIALIZATION: purpose is that software should execute and there should be no obstruction

At this level there will be exploratory and ad hoc testing performed and there is no obstruction

DEFINATION:

The second level of testing is definition which is all about defining the requirement

We can create test strategy, test plans, test cases in order to build a software

Software product implement according to the requirement, develop testing, debugging goals and policies etc.

INTREGRATION:

Purpose is to integrate that testing is integrated to SDLC and it became a part of it

Risk management is also a part of integration

MEASUREMENT and MANAGEMENT:

Here we will be measuring and managing the requirement

Primary purpose of executing this level into test maturity model is to ensure the establishment of test measurement programs

Reviewing, gathering and designing of software Take place

OPTIMIZATION :

It is to optimize the test process itself

In simple words , we can say that that the testing process are verified and measure are taken to enhance the further process