

Test Metrics Life Cycle

Different stages of Metrics life cycle

Steps during each stage

- Analysis

- Identification of the Metrics
- Define the identified QA Metrics

- Communicate

- Explain the need for metric to stakeholder and testing team
- Educate the testing team about the data points to need to be captured for processing the metric

- Evaluation

- Capture and verify the data
- Calculating the metrics value using the data captured
- Develop the report with an effective conclusion

- Report

- Distribute the report to the stakeholder and respective representative
- Take feedback from stakeholder

How to calculate Test Metric

Sr# Steps to test metrics

Example

- | Sr# | Steps to test metrics | Example |
|-----|---|--|
| 1 | Identify the key software testing processes to be measured | ● Testing progress tracking process |
| 2 | In this Step, the tester uses the data as a baseline to define the metrics | ● The number of test cases planned to be executed per day |
| 3 | Determination of the information to be followed, a frequency of tracking and the person responsible | ● The actual test execution per day will be captured by the test manager at the end of the day |
| 4 | Effective calculation, management, and interpretation of the defined metrics | ● The actual test cases executed per day |
| 5 | Identify the areas of improvement depending on the interpretation of defined metrics | ● The Test Case execution falls below the goal set, we need to investigate the reason and suggest the improvement measures |