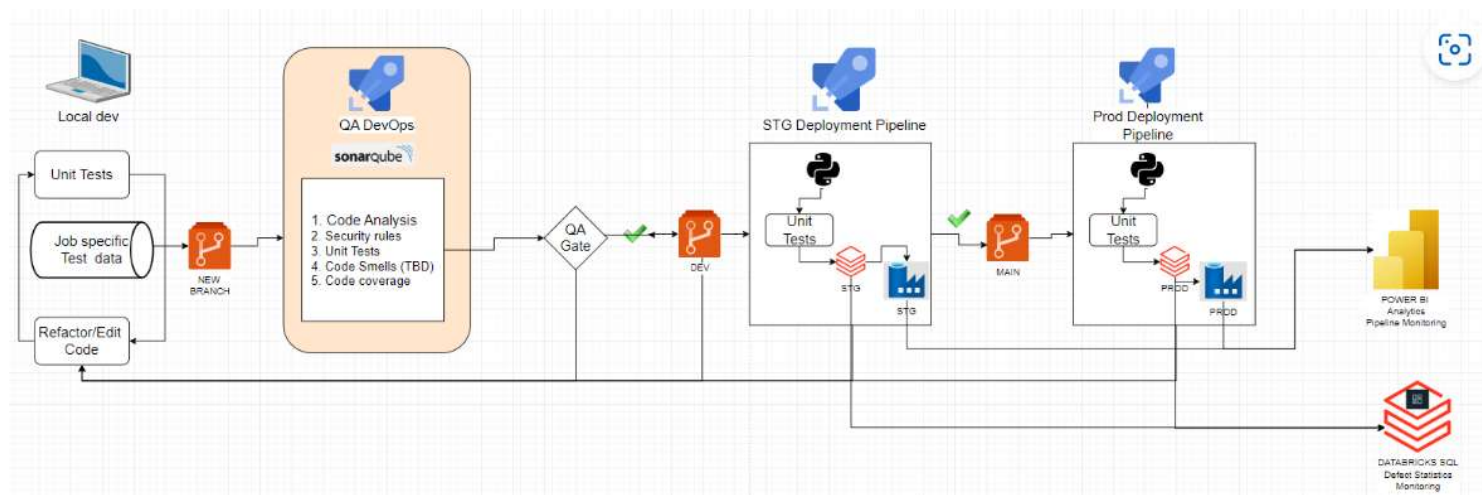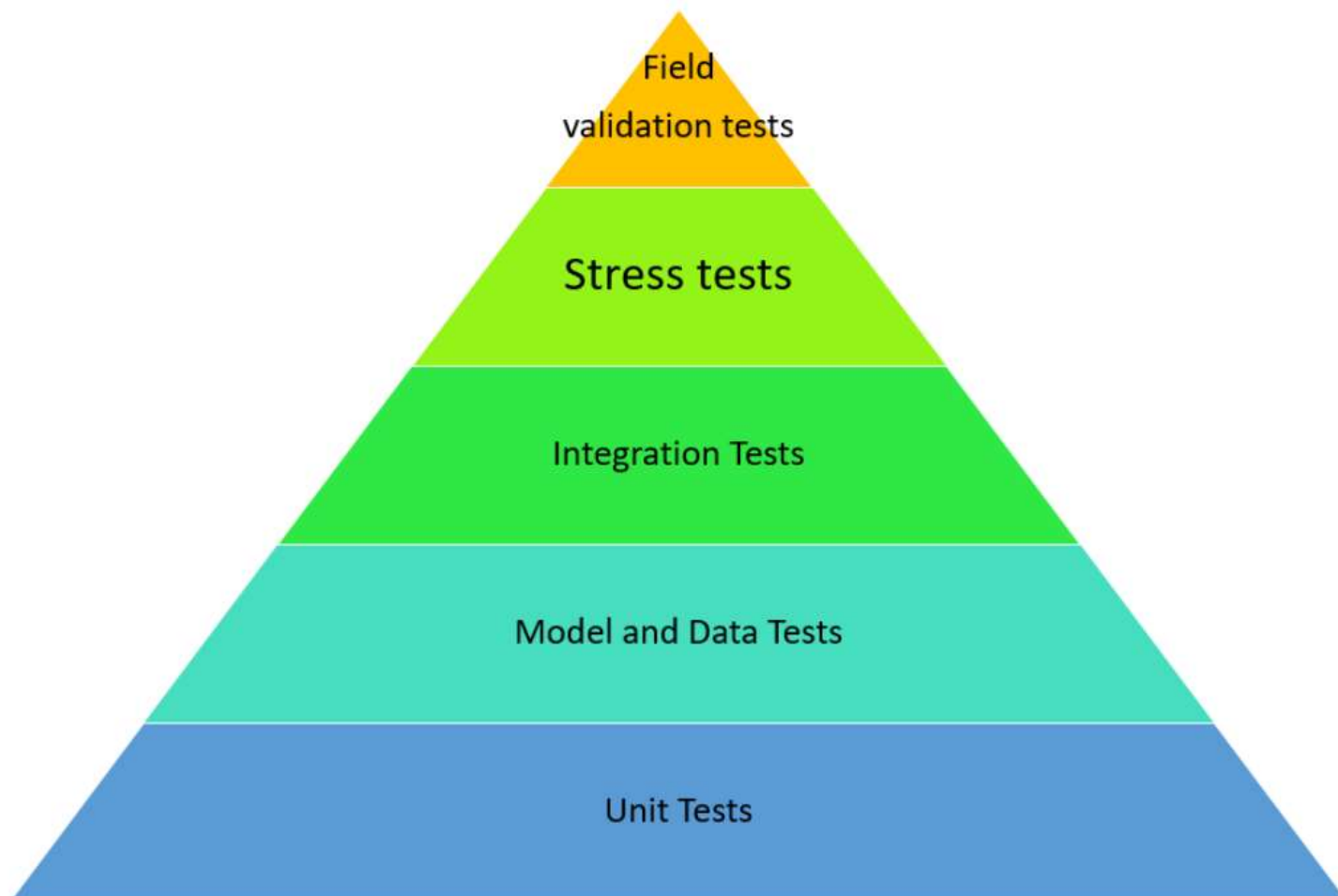# 2.1 Analytics Testing Plan

Last updated by | Harish Nedunuri | 21 Mar 2023 at 08:45 GMT

Testing Strategy

Notebook/Repo Jobs QA requirements:

Requirements/Checklist

1. A unit test dataset created in the respective job repo (lightweight data is better as this will affect the CI-CD compute cost)

2. Use a GIVEN->WHEN->THEN approach for unit testing. Identify what methods to unit test and identify whether any code refactoring is required.
   https://imantung.medium.com/unit-testing-using-given-when-then-template-part-1-introduction-59073626df1a ⎘

3. Align with template repo on documentation requirements ("docstrings and TODO notes")

4. Ensure good coverage of the code while unit testing as SonarQube will evaluate the test coverage by lines of code.

5. Add release notes according to the job-template repo