**SELENIUM PYTHON FRAMEWORK IMPLEMENTATION FROM SCRATCH**

1. Standards of writing selenium tests in framework
2. Creating browser invocation fixtures in conftest.py
3. Setting up BaseClass to hold all common utilities
4. Inheriting base class to all tests to remove fixture redundant code
5. Passing command line options to select browser at run time

# --browser\_name firefox/IE/chrome from CMD

1. Implementing page object model mechanism
2. Smart way of returning page objects from navigation methods
3. Creating selenium Webdriver custom utilities in base class
4. Parametering Webdriver tests with multiple data sets
5. Organising data from separate data files and injecting into fixtures at run time
6. Implementing logging features to Webdriver tests
7. Html reporting
8. Automatic screen capture on test failures
9. Integrating selenium python frameworks into Jenkins CI tools with Jenkins build parameterization
10. GITHub basics for project version control