Changes in existing Tests / Test Framework.

package com.thoughtworks.webanalyticsautomation;

/**

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 */

import com.thoughtworks.webanalyticsautomation.scriptrunner.SeleniumScriptRunner;

import com.thoughtworks.webanalyticsautomation.utils.BROWSER;

import org.apache.log4j.Logger;

import com.thoughtworks.webanalyticsautomation.utils.SeleniumScriptRunnerHelper;

import org.testng.annotations.AfterMethod;

import org.testng.annotations.Test;

import static com.thoughtworks.selenium.grid.tools.ThreadSafeSeleniumSessionStorage.session;

import static org.testng.Assert.assertEquals;

import static org.testng.Assert.assertNotNull;

@Test (singleThreaded = true)

public class EngineWithSeleniumTest {

```java
    private SeleniumScriptRunnerHelper seleniumScriptRunnerHelper;


    private Logger logger = Logger.getLogger(getClass());

    private Engine engine;

    private String webAnalyticTool = "omniture";

    private String inputFileType = "xml";

    private boolean keepLoadedFileInMemory = true;

    private String log4jPropertiesAbsoluteFilePath = System.getProperty("user.dir") +
"\\lib\\WAAT\\resources\\log4j.properties";

    private String inputDataFileName = System.getProperty("user.dir") +
"\\lib\\WAAT\\sampledata\\OmnitureTestData.xml";



/*

*        If using TestNG, override the @AfterMethod annotation

*        If using JUnit, override the @After annotation

*        and add the following line in it:

*                 engine.disableWebAnalyticsTesting();

*        See the example shown below

*/



    @AfterMethod()

    public void tearDown() throws Exception {

        engine.disableWebAnalyticsTesting();

        seleniumScriptRunnerHelper.stopSeleniumDriver();

    }
```

```java
@Test

public void captureAndVerifyDataReportedToWebAnalytics_Selenium_IE() throws Exception {

    String actionName = "OpenUpcomingPage";

    engine = Controller.getInstance(webAnalyticTool, inputFileType, keepLoadedFileInMemory,
log4jPropertiesAbsoluteFilePath);

    engine.enableWebAnalyticsTesting();


/*

*        Existing test / test framework code

*/

    session().open(SeleniumScriptRunnerHelper.BASE_URL + "/upcoming");


    Result verificationResult = engine.verifyWebAnalyticsData (inputDataFileName, actionName, new
SeleniumScriptRunner(session()));

/*

*        Sample validations

*/

    assertNotNull(verificationResult.getVerificationStatus(), "Verification status should NOT be NULL");

    assertNotNull(verificationResult.getListOfErrors(), "Failure details should NOT be NULL");

    logVerificationErrors(verificationResult);

    assertEquals(verificationResult.getVerificationStatus(), Status.PASS, "Verification status should be
PASS");

    assertEquals(verificationResult.getListOfErrors().size(), 0, "Failure details should be empty");

  }

}
```