**Exercise 07a: Wizard – Create Pre-Screening File Tests**

**Objective:**

Run the Pre-Screening file tests Wizard to generate data-driven tests for structured files.

**Instructions:**

1. Navigate to:  
   Data Integrity Testing >> Training Exercises  
   Select the **1. Pre-Screening** folder.
2. Launch the Wizard by selecting the **DATA INTEGRITY** menu, then click **File** in the Pre-Screening section. Alternatively, right-click the **1. Pre-Screening** folder and choose **Tosca Data Integrity >> Pre-Screening: File**.
3. When prompted with the message “The following project properties have not been defined…”, click **Yes** to create them.
4. In the **Pre-Screening: File Wizard**, click **Select File…** and choose the file:  
   Tosca\_Projects >> ToscaDIDemoFiles >> Hospital\_Revised\_Flatfiles >> Complications and Deaths - Hospital.csv.
5. Select the **First row as header** checkbox.
6. Select the **Delimiter** radio button and set the delimiter as , (comma).
7. Confirm the data appears in table format and click **Next**.
8. Set the following field tests:

| **Field Name** | **Tests to Execute** |
| --- | --- |
| **Facility ID** | Has No Empty Values, Max Length (6) |
| **Facility Name** | Has No Empty Values, Max Length (66) |
| **State** | Has No Empty Values, Max Length (2), Value Range (AK;AL;AR;...) |

1. In the **Template Pre-screening** dropdown, select **File tests Template**.
2. Select the checkbox **Create ExecutionList** and click **Finish**.

Result: The **ExecutionList**, **TestSheet**, and **TestCase Template** with Instances will be created.

**Exercise 07b: Maintain and Execute Pre-Screening File Tests**

**Objective:**

Maintain and execute the pre-screening file tests created by the Wizard.

**Instructions:**

1. Navigate to the TestCase:  
   Data Integrity Testing >> Training Exercises >> 1. Pre-Screening >> TestCases >> Pre-Screening: File >> Load file into DB | Once is enough.
2. Select the TestStep **File Load into Caching Database** and expand **TestStepValues >> Cell Settings >> All Columns >> Option**.
3. In the **Option Value** field, enter:  
   Trim[""""][Scope:Header]  
   This will remove double quotes from headers during file load.
4. Navigate to the **ExecutionList Folder** under **1. Pre-Screening** and run the **1. Pre-Screening ExecutionList**.
5. The TestCase **Complications and Deaths - Hospital::"Facility Name"::MaxLength** will fail with the message:  
   "Maximum Length of column value is 71", as there is a value greater than 66 in the column.
6. Locate the first Instance in the TestSheet **Complications and Deaths - Hospital** and change **Attribute Param 1 Value** to **71** to update.
7. Re-instantiate the **TemplateInstance of File tests** by right-clicking and selecting **Reinstantiate Instance** (or press CTRL+R).
8. Re-run the **1. Pre-Screening ExecutionList**. All tests should now pass without errors.