



# Katalon Studio For Automated Testing

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## Sesi 4



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# Create & Run<sup>+</sup> Test Suites

TEST SUITE is a collection of Test Cases



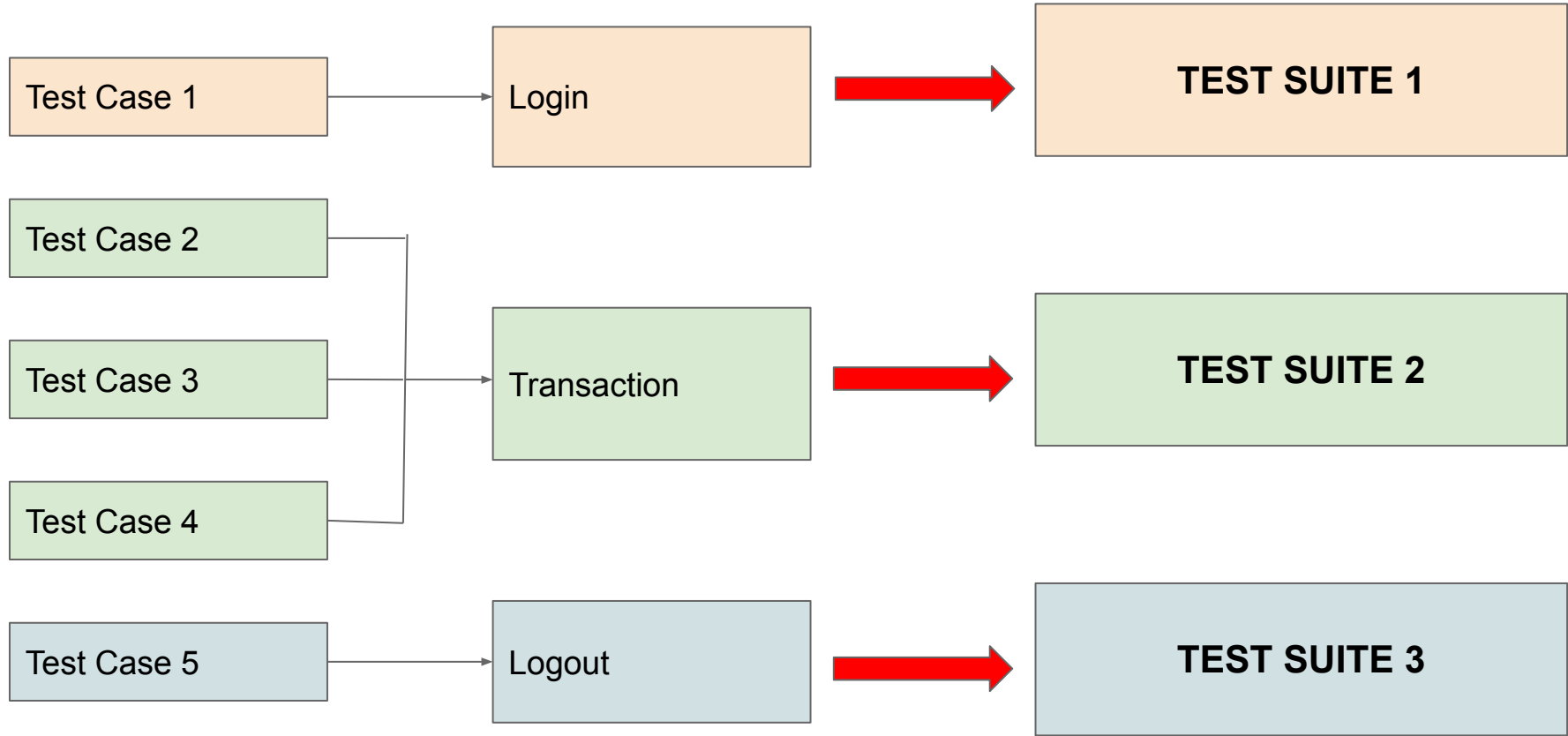
Logical Collection of Test Cases



Test Cases are grouped into categories

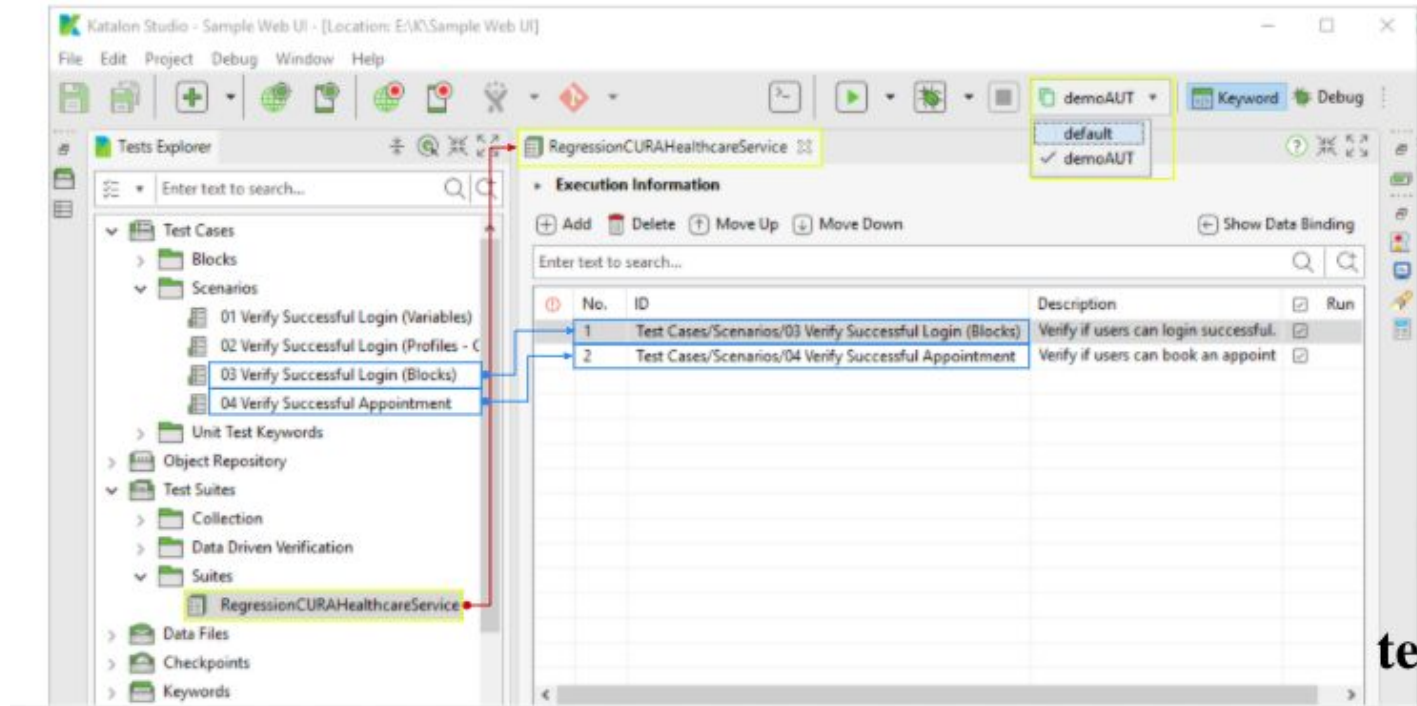
## Create & Run Test Suites - Sesi 4

### Example of Test Suites



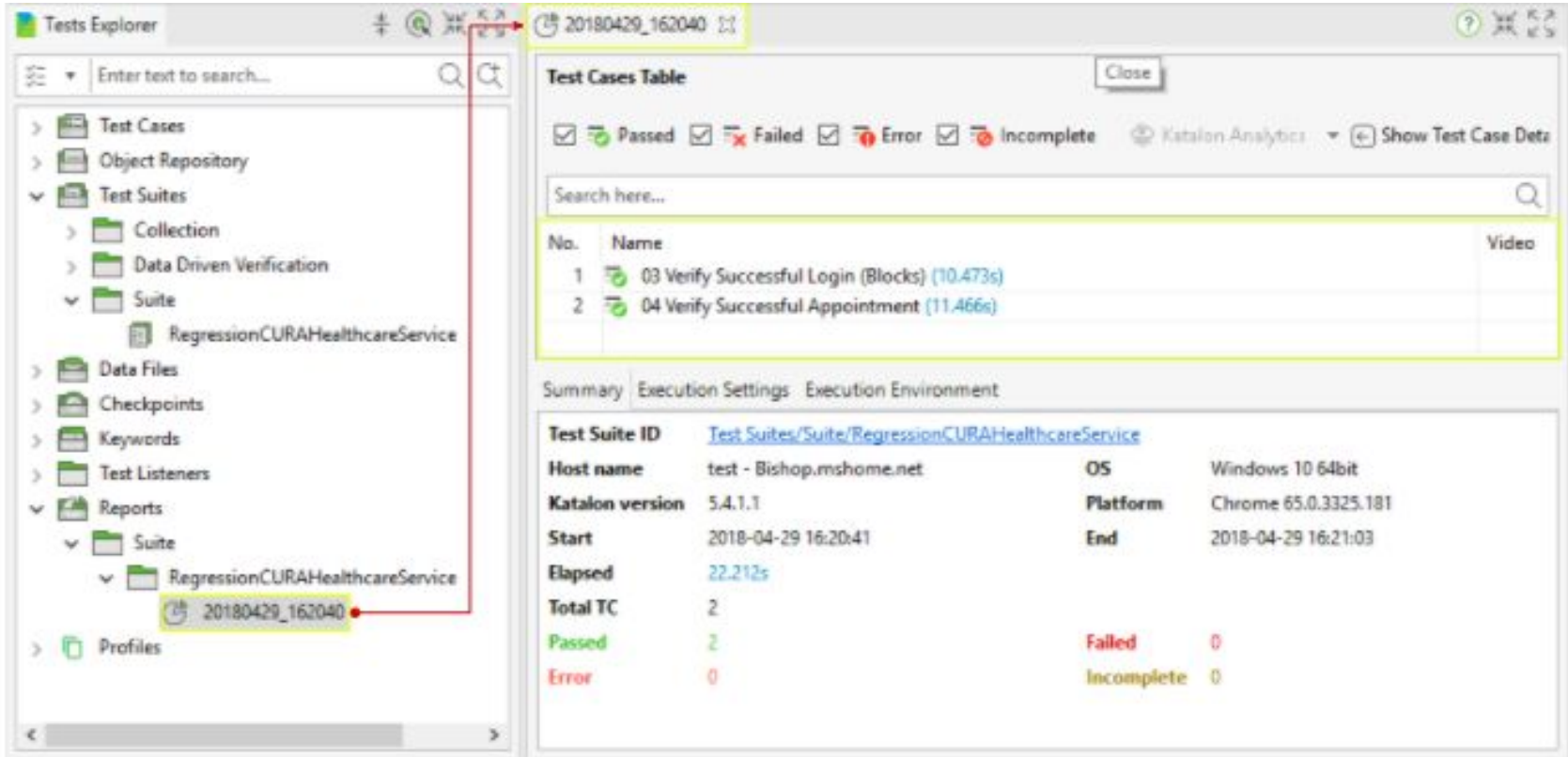
## Create & Run Test Suites - Sesi 4

### Suites



## Create & Run Test Suites - Sesi 4

### Suites Reports



The screenshot displays the Katalon Test Explorer interface. On the left, the 'Test Suites' folder is expanded, showing a sub-folder 'Suite' which contains 'RegressionCURAHealthcareService'. A red arrow points from this folder to the right pane. The right pane shows the 'Test Cases Table' for the suite '20180429\_162040'. The table lists two test cases, both passed. Below the table, the 'Summary' tab is active, showing execution details.

**Test Cases Table**

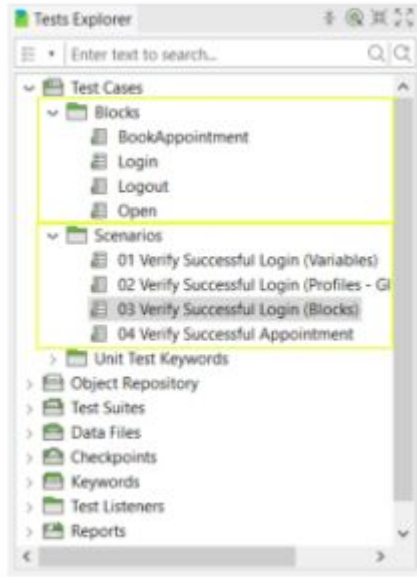
No.	Name	Video
1	03 Verify Successful Login (Blocks) (10.473s)	
2	04 Verify Successful Appointment (11.466s)	

**Summary** | Execution Settings | Execution Environment

<b>Test Suite ID</b>	<a href="#">Test Suites/Suite/RegressionCURAHealthcareService</a>		
<b>Host name</b>	test - Bishop.mshome.net	<b>OS</b>	Windows 10 64bit
<b>Katalon version</b>	5.4.1.1	<b>Platform</b>	Chrome 65.0.3325.181
<b>Start</b>	2018-04-29 16:20:41	<b>End</b>	2018-04-29 16:21:03
<b>Elapsed</b>	22.212s		
<b>Total TC</b>	2		
<b>Passed</b>	2	<b>Failed</b>	0
<b>Error</b>	0	<b>Incomplete</b>	0



### Call Blocks



One can structure scripts in folders as required.

**Blocks** – scripts that can not be independently executed.

**Scenarios** – scripts that are made up of reusable blocks and are designed to be executed.



# **Run Test Case with External Data Sources ( Excel)**

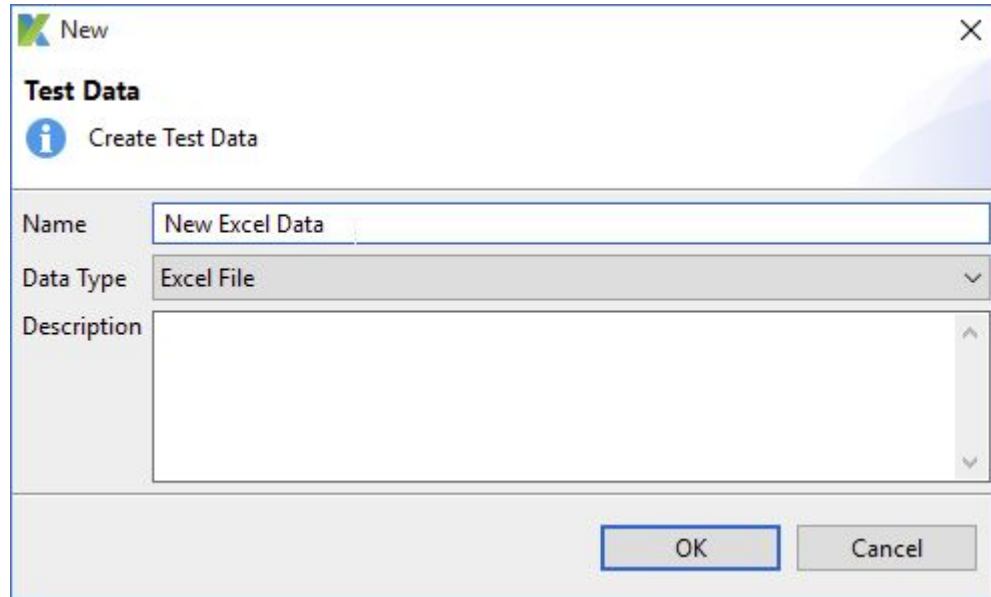




## Create & Run Test Suites - Sesi 4

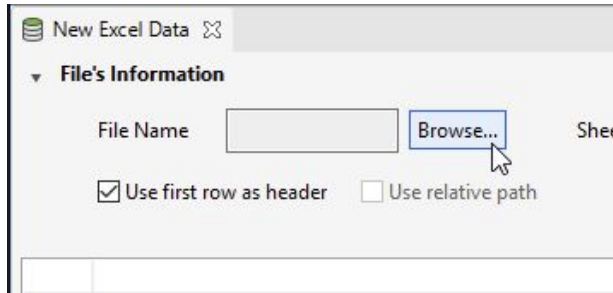
### Create an Excel Test Data

1. Select File > New > Test Data from the main menu. The New Test Data dialog is displayed. Enter the name for your test data and select Data Type as Excel File. Click **OK**.

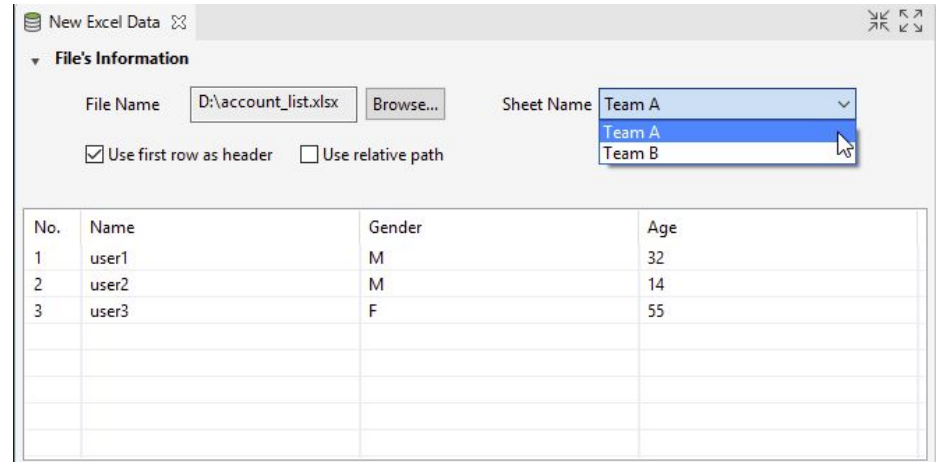


The screenshot shows a 'New' dialog box for creating test data. It features a title bar with a close button. The main area is titled 'Test Data' and includes an information icon and the text 'Create Test Data'. Below this, there are three input fields: 'Name' (containing 'New Excel Data'), 'Data Type' (a dropdown menu set to 'Excel File'), and 'Description' (an empty text area). At the bottom right, there are 'OK' and 'Cancel' buttons.

2. Browse to the Excel file that you want to import into Katalon Studio.

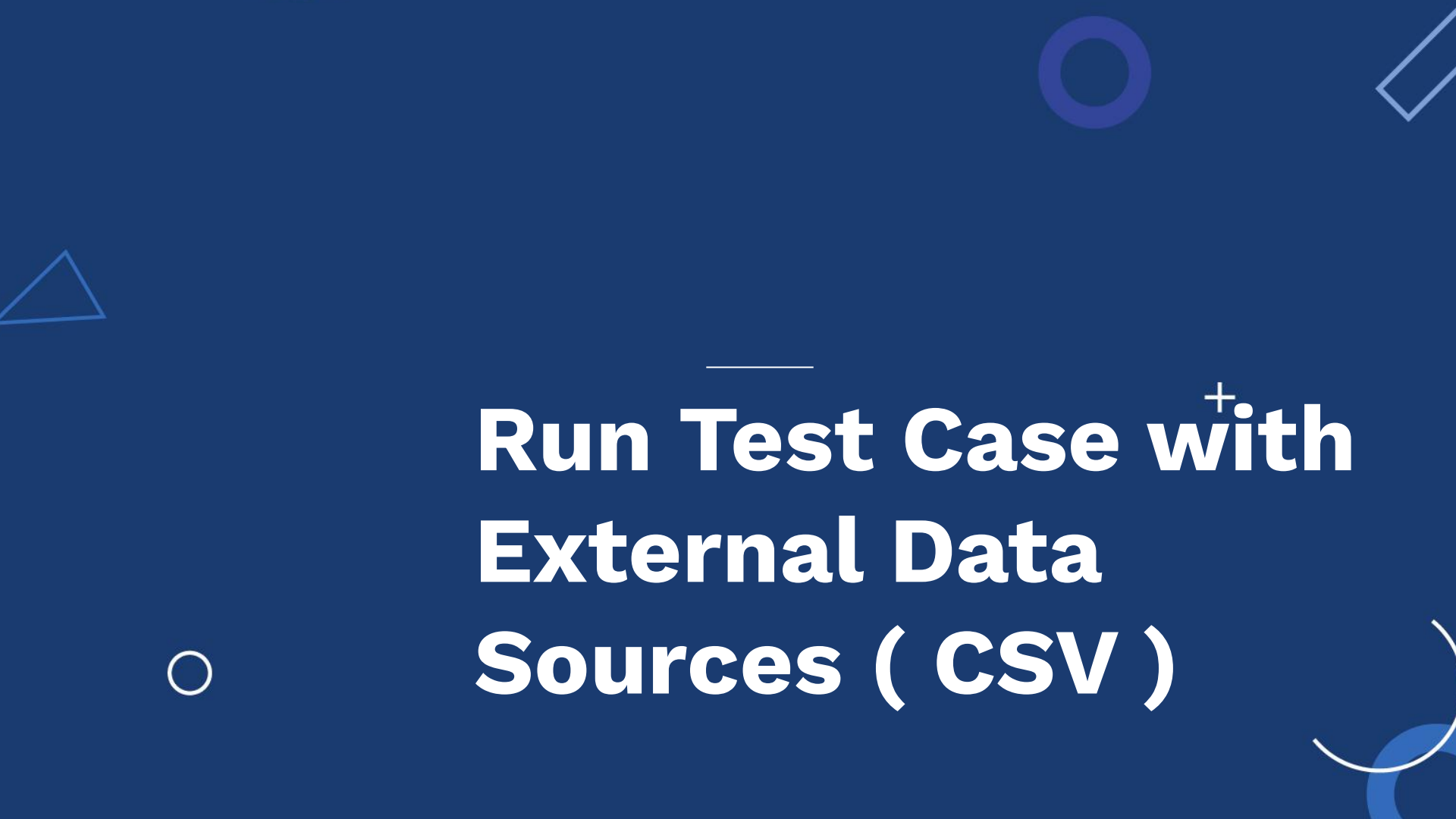


3. Data from the selected Excel file is populated into the preview section below.



No.	Name	Gender	Age
1	user1	M	32
2	user2	M	14
3	user3	F	55

Save the Test Data when you finish. The data set defined here can be utilized in other configurations. For example, you can use it to input data for keywords in [Manual View](#) or [data for Test Execution](#) when setting up test suites.

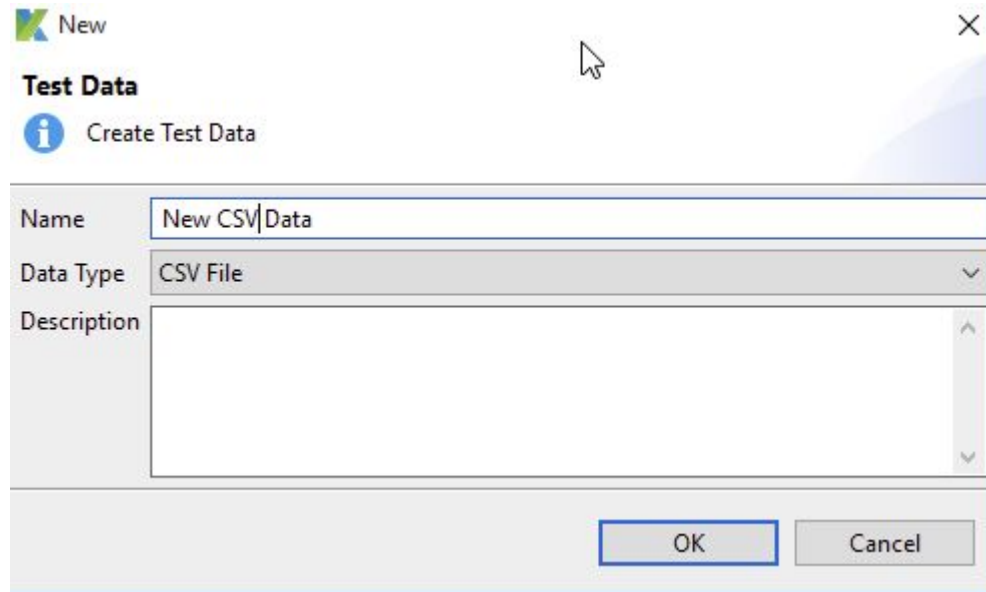


# **Run Test Case <sup>+</sup>with External Data Sources ( CSV )**




## Create a CSV Test Data

1. Select File > New > Test Data from the main menu. The New Test Data dialog is displayed. Enter the name for your test data and select Data Type as CSV File. Click **OK**.



New

**Test Data**

 Create Test Data

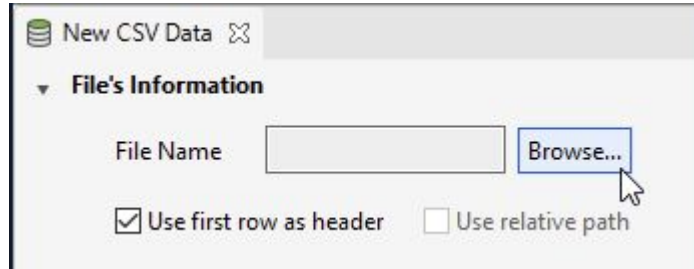
Name

Data Type

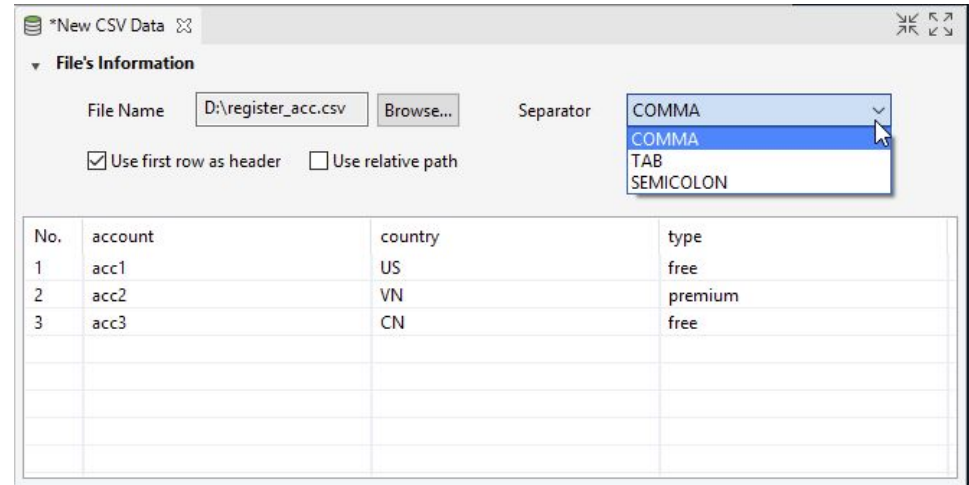
Description

OK Cancel

2. Browse to the CSV file that you want to import into Katalon Studio.



3. Data from the selected CSV file is populated to the preview section below.



Save the Test Data when you finish. The data set defined here can be utilized in other configurations. For example, you can use it to input data for keywords in [Manual View](#) or [data for Test Execution](#) when setting up test suites.



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# **IMPORT an Excel<sup>+</sup> Files to Test Data**



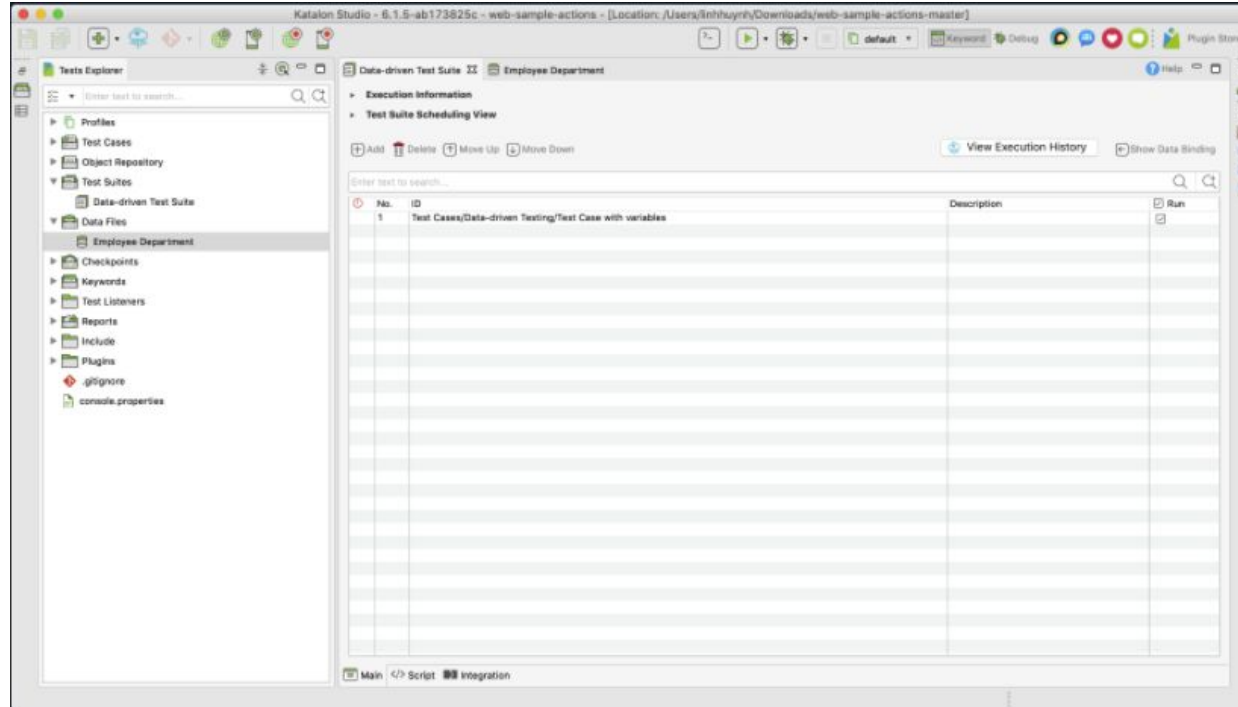
Data from the selected Excel file will be populated into the preview section like the below example.

[illegible]

## Create & Run Test Suites - Sesi 4

### Create a New Test Suites with Test Case Variables

Open a Test Suite, select Add from the command toolbar. All test cases in Katalon Studio will be displayed in the Test Case Browser dialog. The selected test case will be added to the test case list like the following example.





## Create & Run Test Suites - Sesi 4

### Manage Data Binding

2. In the Test Data table, select Add > select the data to be used for execution > the selected test data are added to the list accordingly.

The screenshot displays the 'Data-driven Test Suite' application window. The main interface is divided into several sections:

- Execution Information** and **Test Suite Scheduling View** tabs are visible at the top.
- A search bar with the placeholder text 'Enter text to search...' is located below the tabs.
- The **Test Data** section contains a table with the following data:

No.	ID	Data Iteration	Type
1	Data Files/Employee Department	All	One

Below the 'Test Data' section is the **Variable Binding** section, which includes a table with the following data:

No.	Name	Default value	Type	Test Data	Value
1	employee	'John'	Default		
2	department	'Marketing'	Default		
3	position	'Manager'	Default		



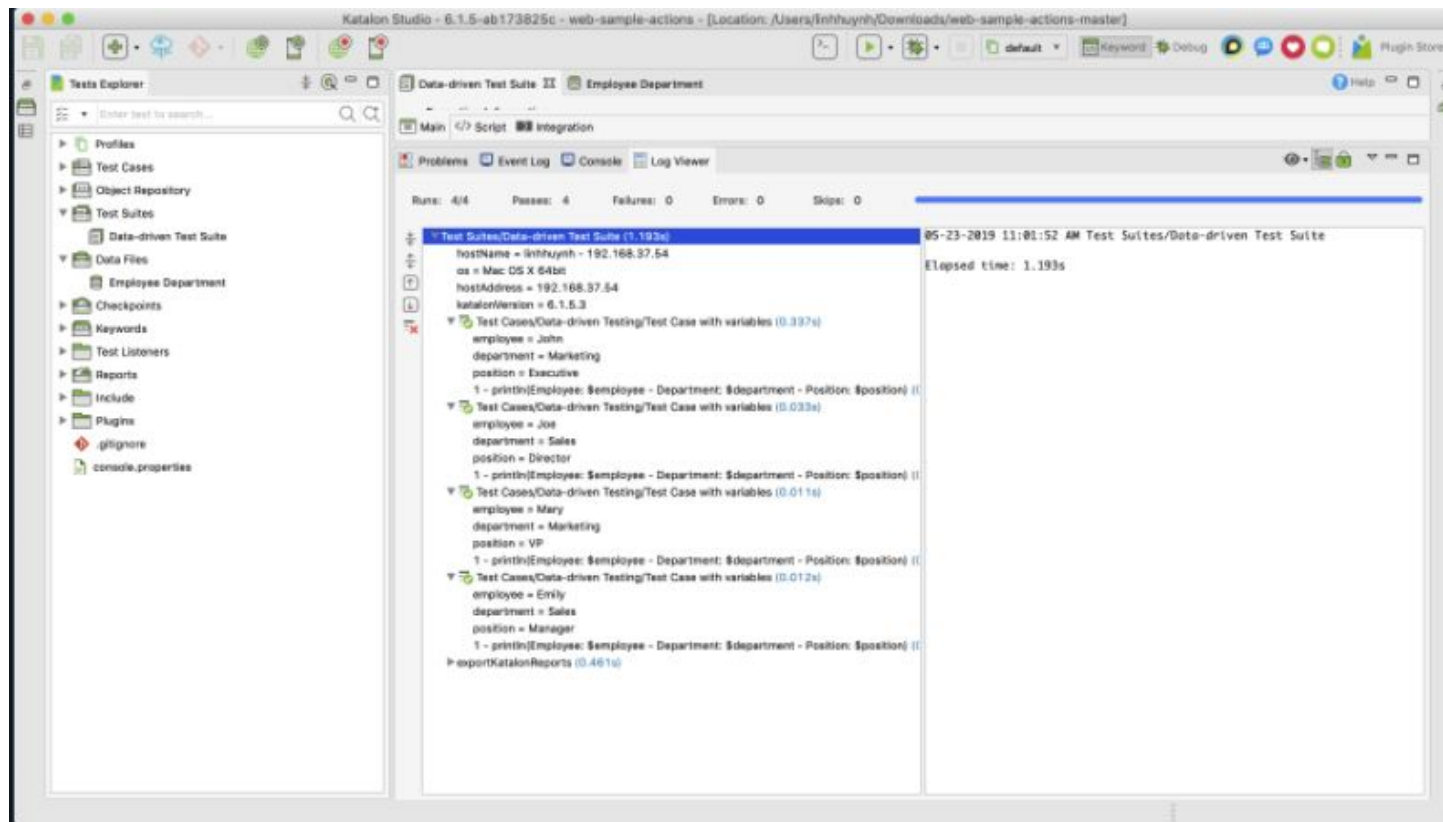




Click each cell in the Value column to specify the data field in the selected data file.  
For example:

[illegible]

After finishing all the steps above, save and run your test suite to see the following result:



<https://github.com/wijaysali/KatalonCS>

```
Welcome  webCheatsheet.md X
Users > swijaya > Desktop > GCP KATALON > webCheatsheet.md > ### WebUI Check
38 'Klik pada Tombol Make Appointment'
39 WebUI.click(findTestObject('Page_CuraHomepage/btn_MakeAppointment'))
40
41 'Kembali ke halaman sebelumnya setelah mengarahkan ke halaman Make Appointment'
42 WebUI.back()
43
44 'Menutup Browser'
45 WebUI.closeBrowser()
46
47 ### WebUI Check
48 digunakan untuk cek (check-box / radio-button)
49
50 'Buka Browser dan mengarahkan ke url demo AUT'
51 WebUI.openBrowser('http://demoaut.katalon.com/')
52
53 'Klik pada Tombol Make Appointment'
54 WebUI.click(findTestObject('Page_CuraAppointment/btn_BookAppointment'))
55
56 'Pilih Checkbox yang value nya Medicaid'
```

