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Getting started guide

Version: 1.0



How to get started with PowerTester

Getting started with PowerTester is easy! Follow these simple steps in order to get going.

- 1.** Create Power BI account
- 2.** Create connection within PowerTester
- 3.** Create a report object
- 4.** Create a test case
- 5.** Create a test plan
- 6.** View test results

1

Create service account for PowerTester

PowerTester needs to read data from your Power BI reports. In order to do so you must create an account with read access on your workspace.

Q. How do I create a new account?

A. Follow this [MS document](#)

Q. Can I use my own email account?

A. We recommend not using an existing account and creating a new one just for PowerTester.

Q. What settings should I use when creating the account?

A. The account must be a native user (i.e. not a guest) in your tennant and it must have read/view access to your Power BI environment,

Q. Can I add a service principal rather than a user account?

A. Although this is planned for a future release, currently PowerTester only supports user accounts

Create connection

2

Once Power BI has been setup, create a connection within PowerTester to Power BI and source database

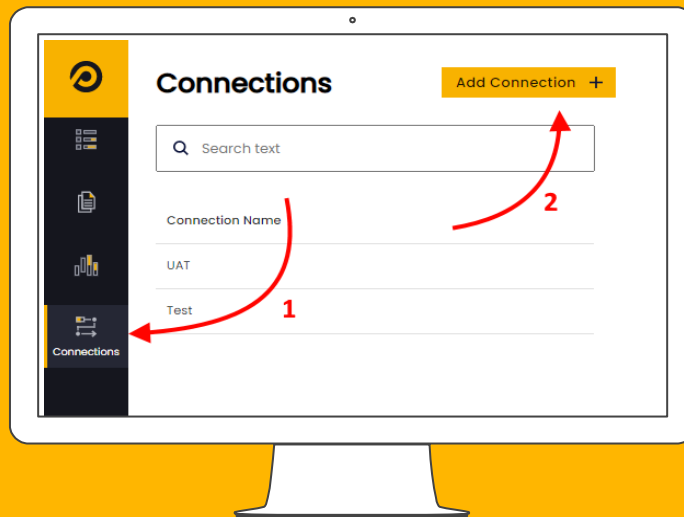
Connections must be authenticated with your PowerTester service account

Fields

Connection String Enter the connection string to the database that your report gets its data from.

Workspace Id Enter your Power BI workspace Id. Workspace Id can be found by looking at the Url when viewing a Power BI workspace or report.

Workspace Id highlighted in the below Url:
<https://app.powerbi.com/groups/{workspaceId}/list/>



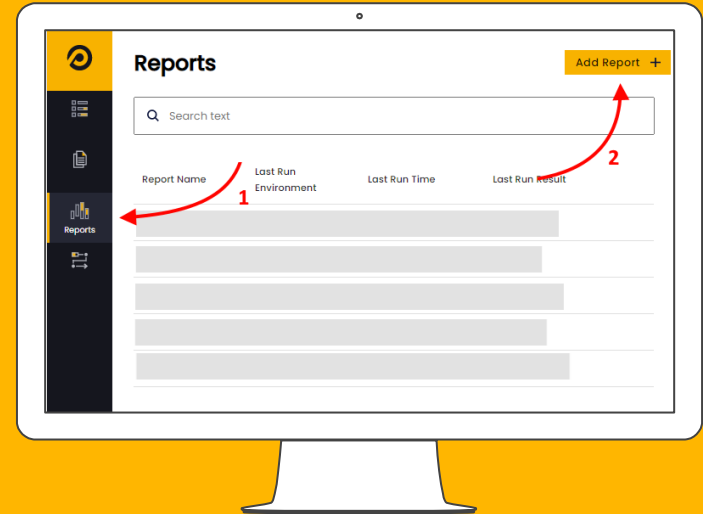
3

Create a report object

In PowerTester create a report for each Power BI report that requires testing.

Fields

- Connection Select the connection previously created
- Report Select the report from Power BI
- Visualisation Select the visualisations which are available for testing



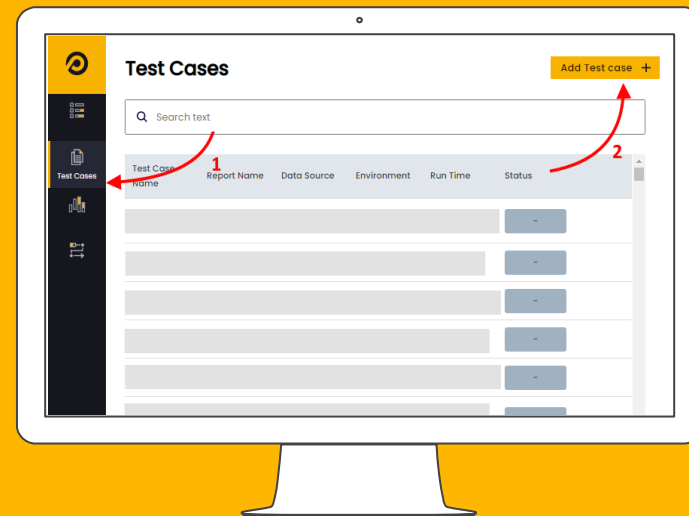
4

Create a test case

Create a test case which will compare the SQL query results to the data displayed in Power BI

Fields

Tags	Add one or more tags to a test case
Connection	Select the connection previously created
SQL Query	Enter in the SQL query to validate the data
Visualisation	Select the visualisation to test



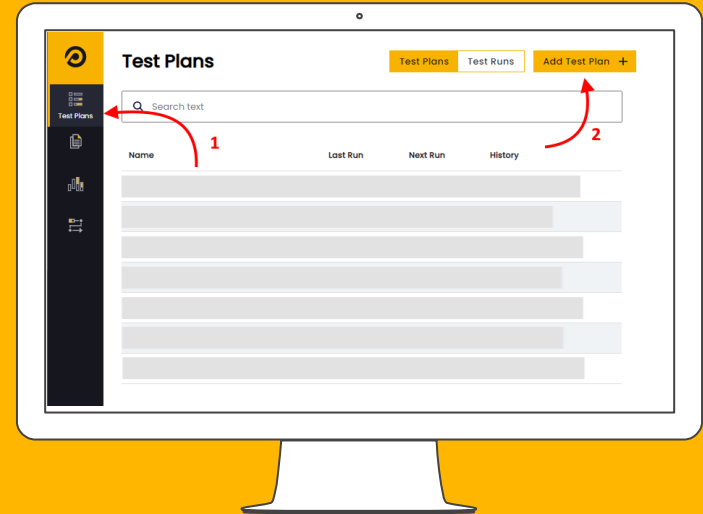
5

Create a test plan

Group a selection of test cases into test plans. These are then executed either on a schedule or ad-hoc.

Fields

- CRON expression** Enter a cron expression of when the test plan should run. Note cannot be less than 15 minutes.
- Tags** Test cases can be selected dynamically by selecting tags rather than individual test cases.
- Test cases** Select one or more test cases to run as part of the test plan.



View test results

Once the test plan has finished you can view the results of the test cases.

Any failures can be investigated by viewing any error messages returned.

