: How do I pass parameters to my SQL statement?

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Here's an example I got working using the rks DB.AdventureWo

I created a sproc that accepts one int parameter.  I created a parameter in PowerBI of type ANY called IDIN.

Here's my query:

= Sql.Database(".\MSSQLSERVER2016", "AdventureWorksDW2014", [Query="Exec dbo.testfrompbi "&IDIN&"", HierarchicalNavigation=true])

From <[*https://community.powerbi.com/t5/Desktop/How-do-I-pass-parameters-to-my-SQL-statement/td-p/118716/page/2*](https://community.powerbi.com/t5/Desktop/How-do-I-pass-parameters-to-my-SQL-statement/td-p/118716/page/2)>

Step one is creating your custom SQL statement. I like to add my placeholder for a parameter when I create the SQL statements and replace those with the parameter once defined. The parameters need to be concatenated to the query using & outside of the quotes holding the query. If you created a table with a single SQL query, your M may look like the following.

**Non-Parameterized Query**

let

Source = Sql.Database("MyTestServer", "MyTestDatabase", [Query="SELECT test\_key from MyFactTestTable WHERE datekey >= 20190101 AND datekey <= 20190201"])

in

Source

**Parameterized Query**

let

Source = Sql.Database("MyTestServer", "MyTestDatabase", [Query="SELECT test\_key from MyFactTestTable WHERE datekey >= " & StartDate & " AND datekey <= " & CloseDate"])

in

Source

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It turns out that this is actually possible in Power BI. I've created a walkthrough video on how to do this [here](https://www.youtube.com/watch?v=3QiTBXfxzHA).

The basic gist is to add an R visual that takes in your slicer selection as its value. There is an R package called RODBC that can run SQL code against your database. You can then pass your slicer value into the SQl query using some string interpolation or the "paste" function. Let me know how this works for you.

From <[*https://community.powerbi.com/t5/Desktop/Passing-parameter-to-sql-from-dropdown-list-in-powerBI-Very/td-p/350298*](https://community.powerbi.com/t5/Desktop/Passing-parameter-to-sql-from-dropdown-list-in-powerBI-Very/td-p/350298)>