**Install package psqlodbc**

**Open ODBC DATA SOURCE ADMINISTRATOR**

**Step 1:** First let's choose the System DSN tab and then click Add.

Next, we choose the PostgreSQL Unicode (x64) version and click Finish.

In the dialog box that pops-up, provide a name and description for the data source, specify the database name, server's IP address, port, user name and password as connection parameters. Once done, test the details by clicking on the Test button

If the test is successful, click Save and then click OK in the ODBC Data Source Administrator.

Graphical user interface

Description automatically generated

Create a SQL Server Linked Server to PostgreSQL

Start [SQL Server Management Studio](https://www.mssqltips.com/sql-server-tip-category/52/sql-server-management-studio/) and connect to the SQL Server instance as "sa" or a sysdmin role member. Expand the Server Objects folder, right click on the Linked Servers node, and then choose "New Linked Server..." option from the pop-up menu.

On the General tab of the New Linked Server dialog box, choose the "Other data source" option, select "Microsoft OLE DB Provide for ODBC Drivers" option from the Provider drop-down list, provide a name for the Product and specify the Data Source name.

Graphical user interface, text

Description automatically generated

In the Security tab, choose the fourth option ("Be made using this security context") and provide a login name and password to connect to the remote PostgreSQL instance. In this case we have used the built-in Postgres super user account to keep things simple.

Click OK. If the connection is successful, the Linked Server will be created without any error

Final Output

