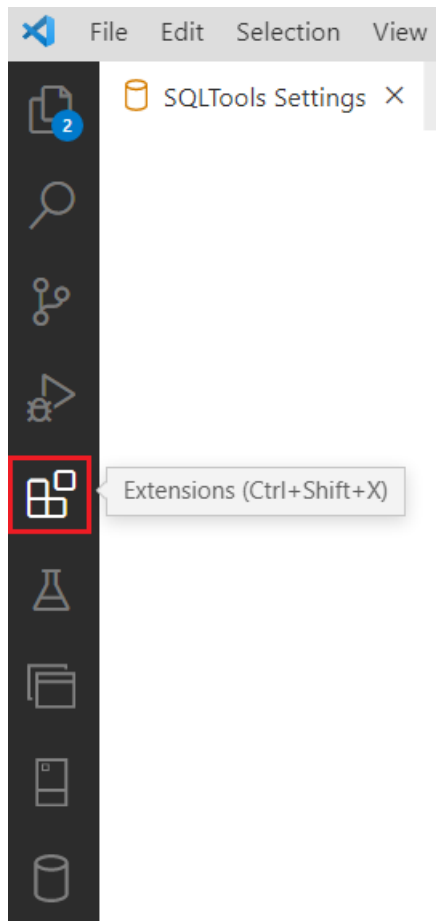
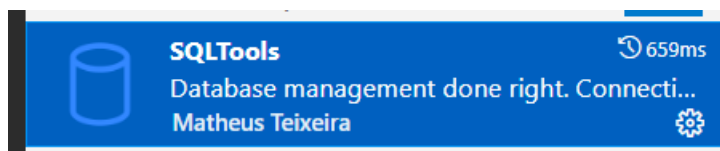


Integrating Visual Studio Code with Vertica

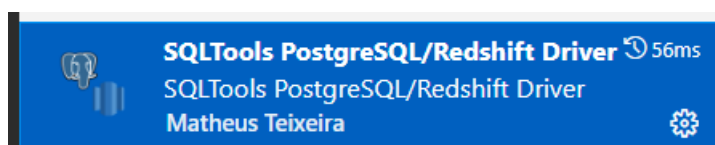
1. Download VS Code from the Visual Studio website, <https://code.visualstudio.com/download>.
We installed VS Code 1.67.1 on Windows Server 2019 and connected with Vertica 11.1.1.
2. After you download it, install the software from <https://code.visualstudio.com/docs/setup/windows>
3. Open the VS Code editor and click **Extensions**.



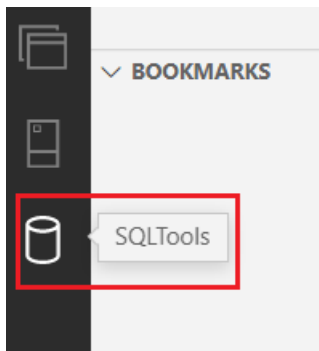
4. Ensure you download the following extensions:
 - a. **SQLTools**



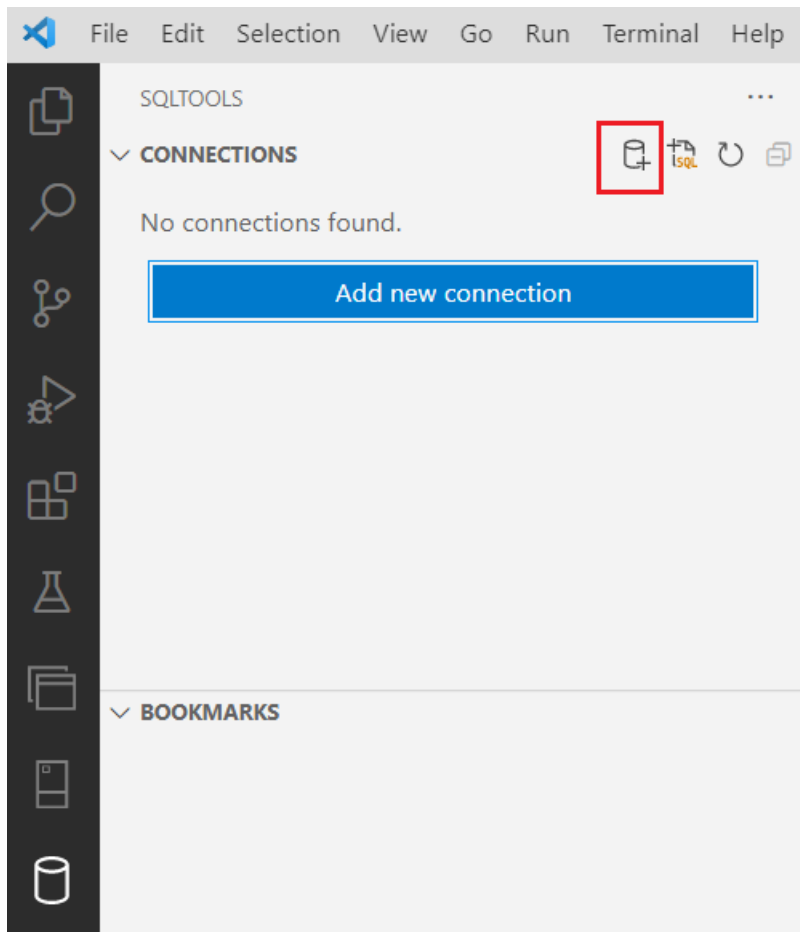
- b. **SQLTools PostgreSQL/Redshift Driver**



5. Click **Install** to install both the extensions.
6. Click **SQLTools**.



7. Click **Add new connection**.



8. Select and click **PostgreSQL**.

Connection Assistant

Select your database driver



9. Enter the Vertica database connection details:

Connection Assistant

Connection Settings

Connection name*	Vertica_11.1.1
Connection group	
Connect using*	Server and Port
Server Address*	
Port*	5433
Database*	vertica_db
Username*	
Use password	Ask on connect

10. Click **TEST CONNECTION**. If you are connected, the **Successfully connected** message appears.

11. Click **SAVE CONNECTION**.

Connection Timeout

Show records default limit 50

Successfully connected!

SAVE CONNECTION

TEST CONNECTION

12. Click **CONNECT NOW**.

Connection Assistant

Review connection details



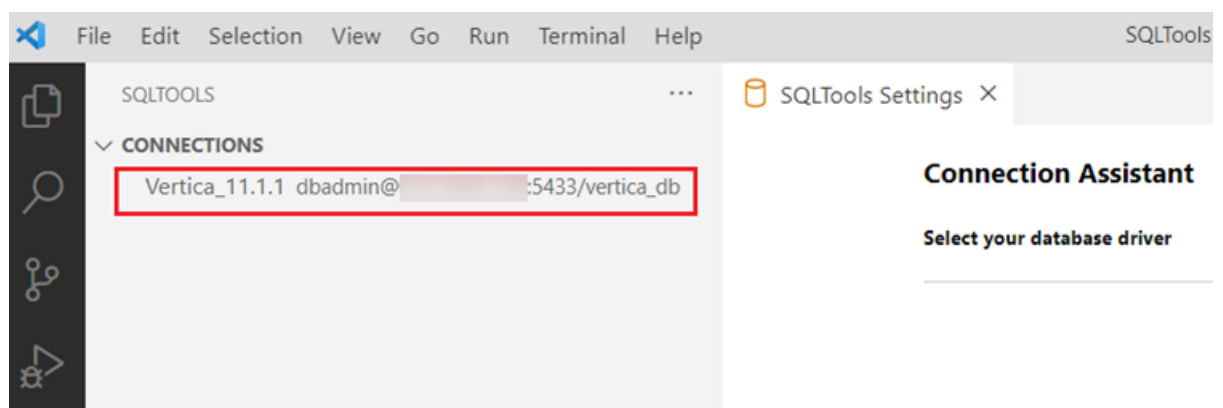
Vertica_11.1.1 was added to your settings!

▼ Review JSON Syntax

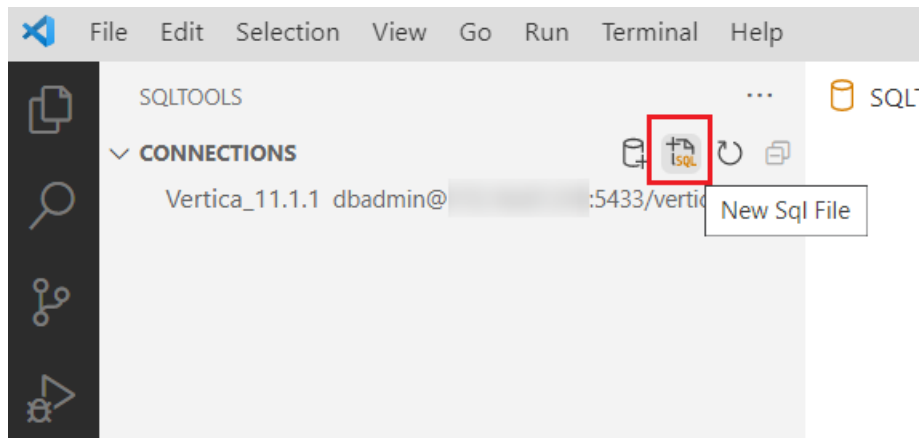
```
{
  "previewLimit": 50,
  "server": " ",
  "port": 5433,
  "askForPassword": true,
  "driver": "PostgreSQL",
  "name": "Vertica_11.1.1",
  "database": "vertica_db",
  "username": " "
}
```

CONNECT NOW

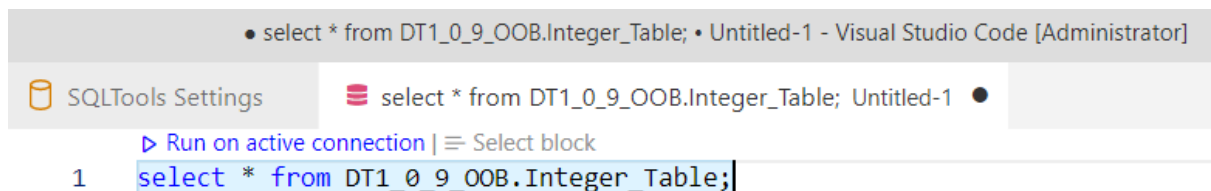
13. The Vertica connection details are displayed in the top left pane.



14. Click **New Sql File**.



15. Type the query for the Vertica database.



16. Click **Run** for the active connection.

17. The following output screen is displayed:

_9_OOB.Char1_Table; Vertica_11:1:1: select * from DT1_0_9_OOB.Integ		
DataSet	ValueDesc	IntegerColumn
Filter...	Filter...	Filter...
INTEGER	Null	NULL
INTEGER	Two	2
INTEGER	MinusOne	-1
INTEGER	Max	9223372036854775807
INTEGER	Min	-9223372036854775...
INTEGER	Zero	0
INTEGER	One	1
INTEGER	[1,234,567,890]	1234567890