# **Installing the Amazon Redshift Python connector**

[**PDF**](https://docs.aws.amazon.com/redshift/latest/mgmt/redshift-mgmt.pdf#python-driver-install)

[**Kindle**](https://www.amazon.com/dp/B07643KV1C)

[**RSS**](https://docs.aws.amazon.com/redshift/latest/mgmt/CMDochistory.rss)

You can use any of the following methods to install the Amazon Redshift Python connector:

* Python Package Index (PyPI)
* Conda
* Cloning the GitHub repository

## Installing the Python connector from PyPI

To install the Python connector from the Python Package Index (PyPI), you can use pip. To do this, run the following command.

LET OP: start eerst PYTHON op: c:\py

>>> pip install redshift\_connector

Of:  
**c:\py -m pip install redshift\_connector**

Afbeelding met tekst

Automatisch gegenereerde beschrijving

You can install the connector within a virtual environment. To do this, run the following command.

>>> pip install redshift\_connector

Optionally, you can install pandas and NumPy with the connector.

>>> pip install "redshift\_connector[full]"

**Apollo-SETTINGS**

Test vanuit eigen omgeving met apollo-AWS-redshift omgeving:

import redshift\_connector

conn = redshift\_connector.connect(

host=' redshift-cluster-rna.csvpwdknrhzd.ap-south-1.redshift.amazonaws.com',

port=5429,

database=' db\_dev\_lims',

user=' **lims\_dev\_user**',

password=' a1dFR09mn!6lk'

)

**Example:**

conn = redshift\_connector.connect(

host='**examplecluster.abc123xyz789.us-west-1.redshift.amazonaws.com**',

database='dev',

user='**awsuser**',

password='**my\_password**'

)

Querying a table

To select all rows from the table book, run the following command.

>>> cursor.execute("select \* from book")

Retrieving the query result set

To retrieve the query result set, run the following command.

>>> result: tuple = cursor.fetchall()

print(result)