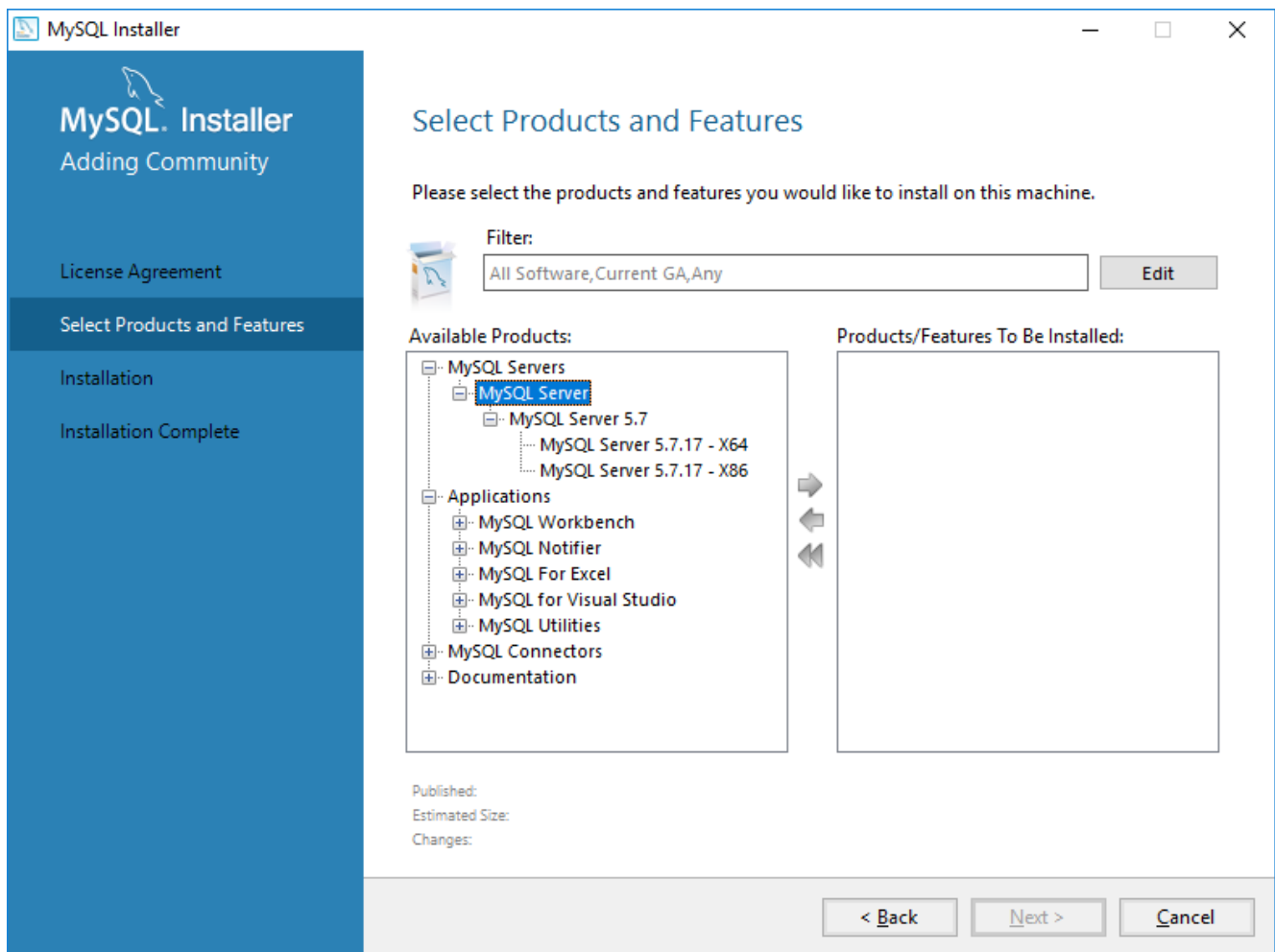


Conectar PowerShell con MySQL

Pasos

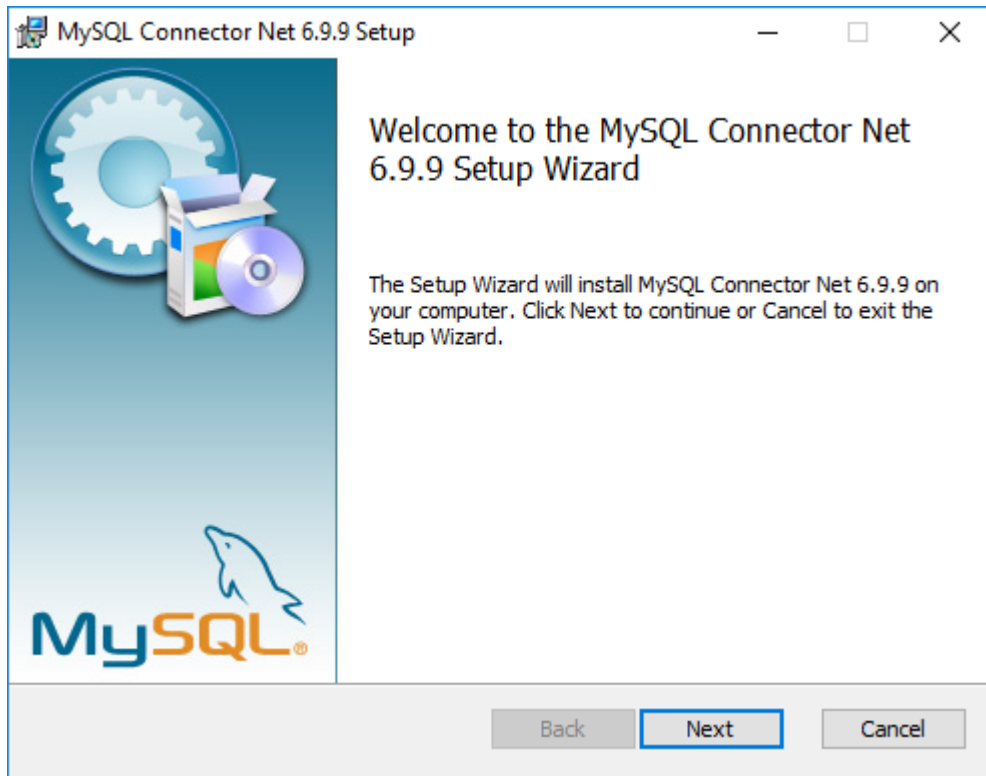
1. Descargar e instalar MySQL Server

- <https://dev.mysql.com/downloads/mysql/>



2. Descargar e instalar MySQL Connector Net

- <https://dev.mysql.com/downloads/connector/net/>

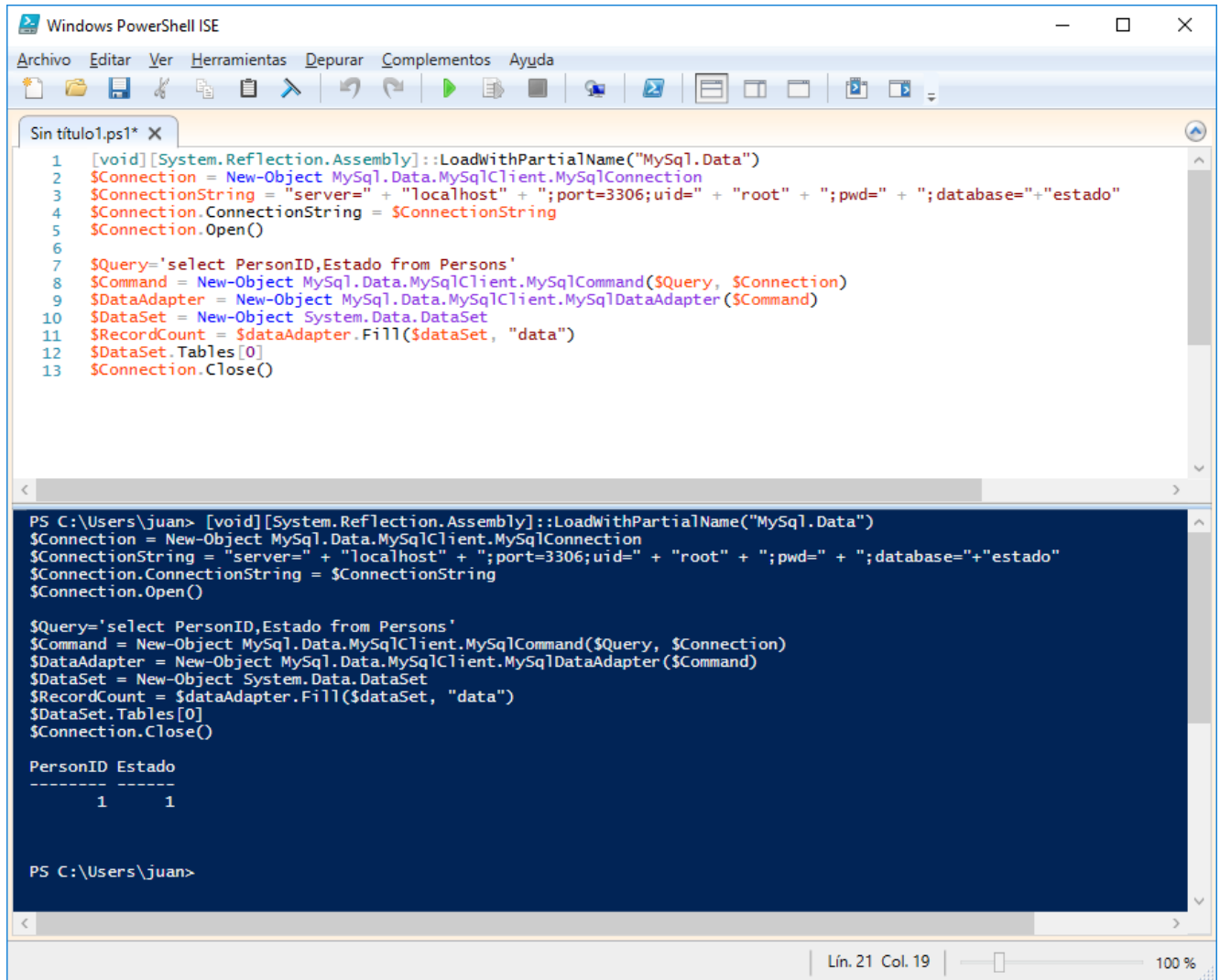


3. Utilizar el conector desde PowerShell (la base de datos y las tablas tienen que existir para poder obtener datos al ejecutar una consulta)

```
[void][System.Reflection.Assembly]::LoadWithPartialName("MySQL
.Data")
$Connection = New-Object
MySQL.Data.MySqlClient.MySqlConnection
$ConnectionString = "server=" + "localhost" +
";port=3306;uid=" + "root" + ";pwd=" + ";database="+"estado"
$Connection.ConnectionString = $ConnectionString
$Connection.Open()

$Query='select PersonID,Estado from Persons'
$Command = New-Object
MySQL.Data.MySqlClient.MySqlCommand($Query, $Connection)
$DataAdapter = New-Object
MySQL.Data.MySqlClient.MySqlDataAdapter($Command)
$DataSet = New-Object System.Data.DataSet
$RecordCount = $dataAdapter.Fill($dataSet, "data")
$DataSet.Tables[0]
```

`$Connection.Close()`



The screenshot shows the Windows PowerShell ISE interface. The top pane contains a script with 13 lines of PowerShell code. The bottom pane shows the execution output, which includes the same code lines followed by a table of data.

```
1 [void][System.Reflection.Assembly]::LoadWithPartialName("MySQL.Data")
2 $Connection = New-Object MySQL.Data.MySQLClient.MySqlConnection
3 $ConnectionString = "server=" + "localhost" + ";port=3306;uid=" + "root" + ";pwd=" + ";database="+ "estado"
4 $Connection.ConnectionString = $ConnectionString
5 $Connection.Open()
6
7 $Query='select PersonID,Estado from Persons'
8 $Command = New-Object MySQL.Data.MySQLClient.MySqlCommand($Query, $Connection)
9 $DataAdapter = New-Object MySQL.Data.MySQLClient.MySqlDataAdapter($Command)
10 $DataSet = New-Object System.Data.DataSet
11 $RecordCount = $DataAdapter.Fill($DataSet, "data")
12 $DataSet.Tables[0]
13 $Connection.Close()
```

PS C:\Users\juan> [void][System.Reflection.Assembly]::LoadWithPartialName("MySQL.Data")
\$Connection = New-Object MySQL.Data.MySQLClient.MySqlConnection
\$ConnectionString = "server=" + "localhost" + ";port=3306;uid=" + "root" + ";pwd=" + ";database="+ "estado"
\$Connection.ConnectionString = \$ConnectionString
\$Connection.Open()

\$Query='select PersonID,Estado from Persons'
\$Command = New-Object MySQL.Data.MySQLClient.MySqlCommand(\$Query, \$Connection)
\$DataAdapter = New-Object MySQL.Data.MySQLClient.MySqlDataAdapter(\$Command)
\$DataSet = New-Object System.Data.DataSet
\$RecordCount = \$DataAdapter.Fill(\$DataSet, "data")
\$DataSet.Tables[0]
\$Connection.Close()

PersonID Estado

1 1

PS C:\Users\juan>

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