**Download Oracle Data Access Components:**

**Select “64-bit ODAC 12.2c Release 1 (12.2.0.1.1) for Windows x64” from**

<https://www.oracle.com/database/technologies/odac-downloads.html>

**Install ODAC:**

* + Unzip files
  + Double click “setup.exe”
  + Keep all options default until prompted for Database information at which point you should enter credentials for the database you initially want to access. This can be changed later, so it’s not too important.

**Uninstall Power Bi (assumes the version you have downloaded was from the Windows Store App)**

*The version downloaded via Windows Store will not work with Oracle.*

**Download and install Power BI (from Microsoft website):**

* <https://www.microsoft.com/en-us/download/details.aspx?id=58494>

or visit website and find download page manually (if the above link becomes deprecated)

* Select the 64 bit option: “PBIDesktopSetup\_x64.exe”

**Test Power Bi connection:**

* + Choose “Get Data”
  + Select “Oracle” as data source
  + Choose “Direct Query” and supply url / hostname to database then Enter
  + Change to “Database” tab (on left hand side of panel)
  + Enter credentials

**Troubleshooting**

* If receiving the following error “Oracle: ORA-12504: TNS:listener was not given the SERVICE\_NAME in CONNECT\_DATA”, change the value for “SERVICE\_NAME” in your tnsnames.ora file. Experiment with different values. A valid value might be “xe”, but in my case it was “DBZ2”, which was the name of my database on AWS RDS.

The location of the tsanames.ora file was determined during your installation of ODAC, but for reference this was the path assigned during my installation to my computer by default: “C:\app\client\TIM0416\product\12.2.0\client\_1\Network\Admin”