

## Installation Manual – A Custom Data Connector for Spotify and Power BI

### 1. Install Power BI Desktop and create an Application on Spotify for Developers page

To be able to use this connector, you must authenticate to <https://developer.spotify.com/dashboard> and create your own application, with the name you want (except for Spotify, you mustn't include that word, to comply with their terms. This will generate you a **client\_id** and a **client\_secret**. Next, on the dashboard page, under **Edit Settings**, you need to enter the following redirect\_uris:

- <https://oauth.powerbi.com/views/oauthredirect.html>
- <https://preview.oauth.powerbi.com/views/oauthredirect.html>

Then, you must install Power BI Desktop on your computer if you already haven't.

### 2. Installing the connector

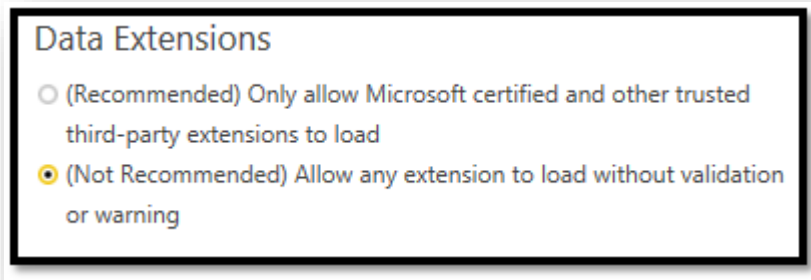
Then to use the connector, the first thing to do is to copy the **SpotifyConnector.mez** file into a folder in **C:/Users/username/Documents/Power BI Desktop/Custom Connectors** (create it manually if it doesn't exist).

Then, you need to set up your credentials in the connector mez file (mez extension is similar to zip). Open it, and then open **Credentials.json** with a text editor. Add your information, such as **client\_id**, **client\_secret**, and **user\_id**. You can retrieve the **client\_id** and **client\_secret** in the Spotify for Developers page. The **user\_id** you can retrieve by opening Spotify, click on your username, and under the three dots, click Share > Copy Spotify URI.

### 3. Modifying some settings in Power BI

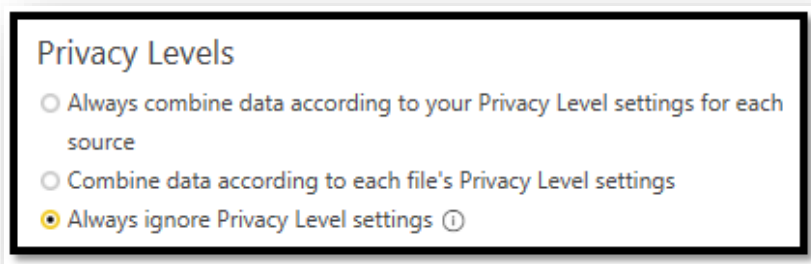
After that, open Power BI Desktop, and go to:

- **Files | Options, and Settings | Options**
- Select the **Security** tab
- Under **Data Extensions**, select the latter



*Image 1- Allow any extension to load without validation*

- Then go the **Privacy** tab
- Under **Privacy Levels**, select the latter



*Image 2 - Always ignore Privacy Level settings*

- Then go to Data Load in Current File
- Disable Background Data and Parallel loading of tables

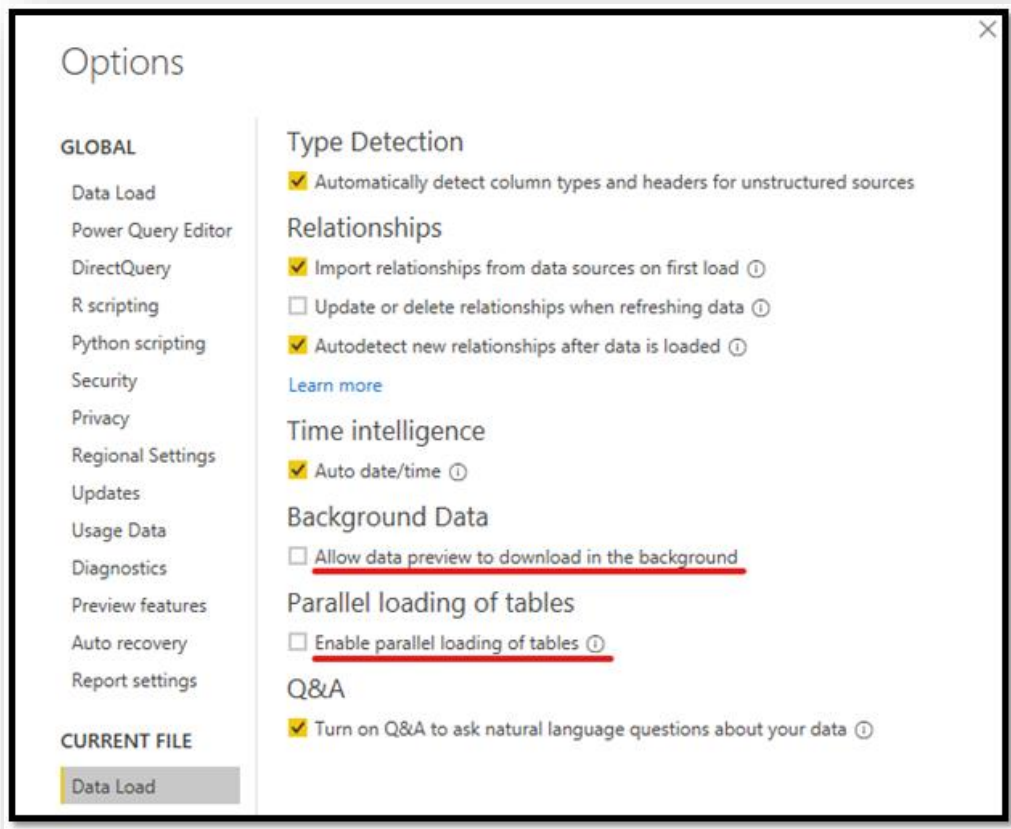
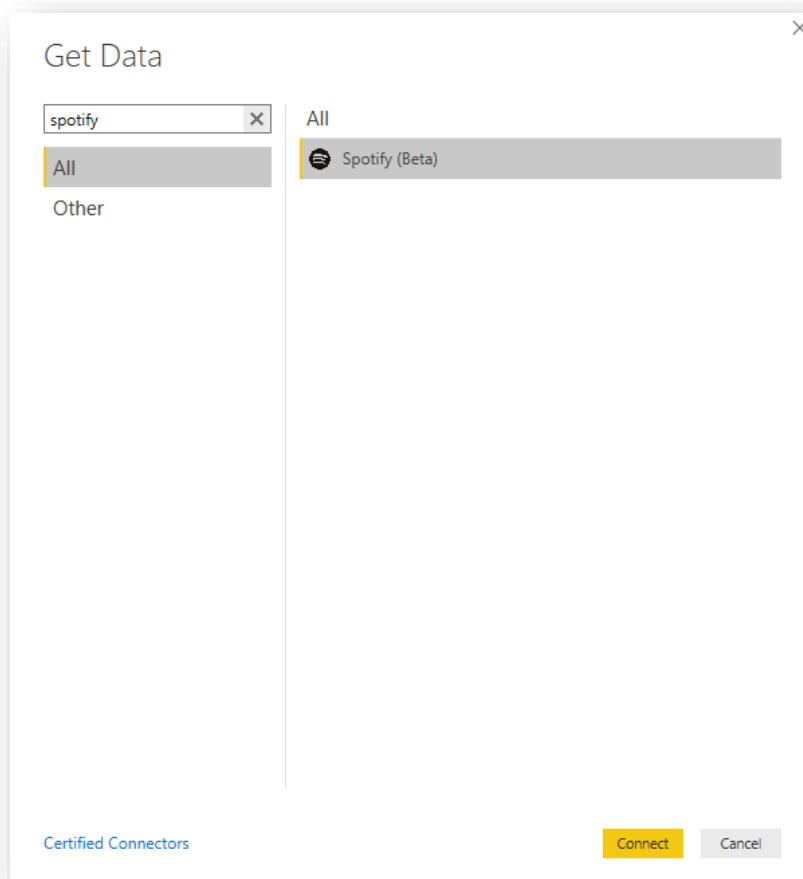


Image 3 - Background Data Settings

- Restart Power BI Desktop

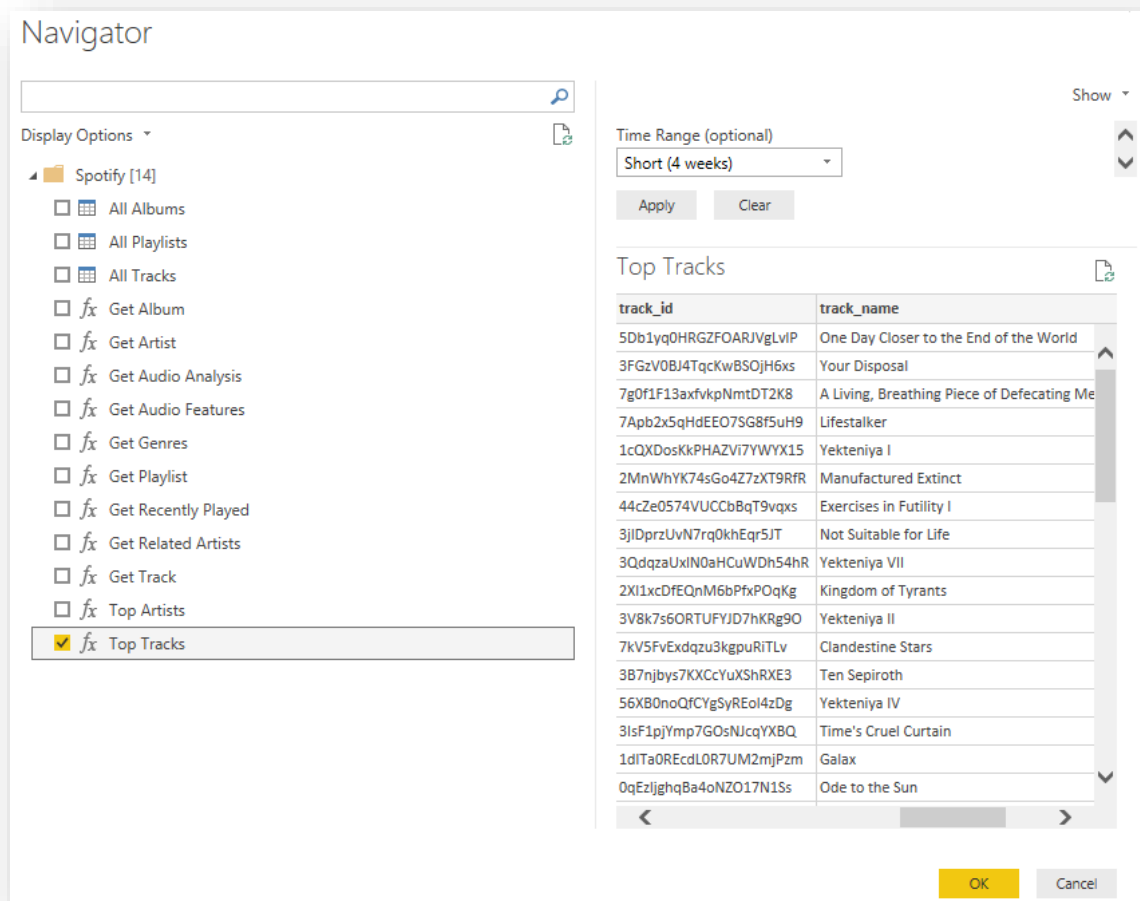
#### 4. Using the connector

To utilize the connector, select Get Data and you can search for Spotify, or access the Other tab, and scroll until you find it.



The connector will prompt a warning as it is still in Beta version.

The last step is to choose whatever table or function you want to import/invoke into Power BI Query Editor.



**Note:** for the last two queries, **Top Artists** and **Top Tracks**, you can define which time range should be considered:

- **Short (4 weeks)**
- **Medium (6 months)** – this is also the **default** if you don't want to input any value
- **Long (years or overall)**