

# Add a new data source

You can also add a new data source manually.

## To manually add a new data source

1. Click **File > New > Data Source**.

**New Data Source: New data source**

**Register a new data source**

Choose the server type and location for your new data source.

☒ Generate an unique name based on the alias or the host name

Data source name:

Select a server type:

- Generic JDBC
- IBM DB2 for LUW
- Microsoft SQL Server
- Oracle**
- Sybase ASE

Select a data source group:

- Managed Data Sources

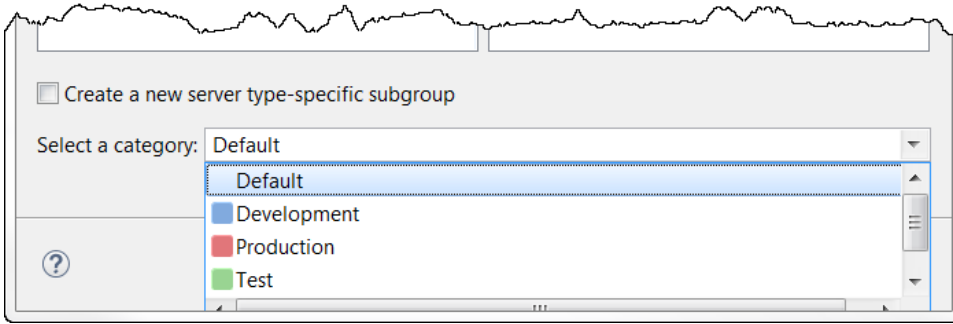
☐ Create a new server type-specific subgroup



Select a category:


[Configure data source categories](#)

2. If you want the system to assign a name to the data sources, select **Generate a unique name based on the alias or the host name**. If you want to enter the data source name, deselect **Generate a unique name based on the alias or the host name**, and then in the **Data source name** field, enter the data source name.
3. In the **Select a server type** area, select the type you want to add.
4. In the **Select a data source group** area, select the data source group where you want the new data source to appear in the Data Source Explorer.

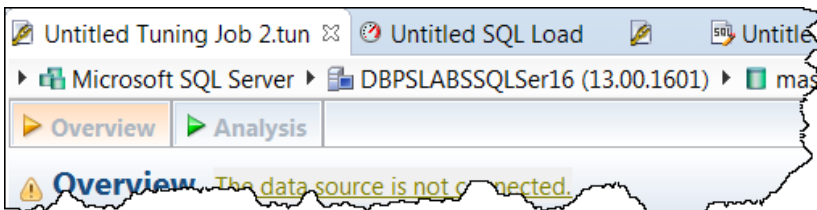
5. If you want to assign the new data source to a category (useful if you have a large number of data sources to manage), click the **Select a category** list, and then choose one of the categories.



Categorized data sources appear with the color for the designated category on the bottom left of the data source icon in the bottom of such as  for the **Test** category and  for the **Production** category.

 For information on adding custom categories, see [Customizing data source categories](#).

When you open a tuning job or SQL Editor window to create SQL for the categorized data source you will see that the category color is applied to the top of the window, as follows.



6. Click **Next**.

**New Data Source: New data source**

**Configure a new Oracle data source**

Enter Oracle-specific connection and security credential information for the new data source.

**Oracle**

☐ Use a TNS name alias

Server alias:

☐ Use connection descriptor

☒ Use a direct connection

Host:

Port:

Type: ☐ Service name ☒ SID

Service/SID name:

Instance name:

**Security credentials**

User name:

Password:

Connect as:

☒ Auto-connect (Saves and encrypts password)

☐ Connect using Windows Authentication

**Test Connection**

7. Complete the data source configuration and then click **Test Connection**. This will ensure your configuration is correct. If the connection test fails, make the necessary corrections, and then click **Finish**. The new data source appears in the **Data Source Explorer**.