



Data Science and Database Technology

Politecnico di Torino

Oracle Live SQL

With Oracle Live SQL, available at <https://livesql.oracle.com/>, you can create tables and query your database. To use it, you just need to create an Oracle account (use your PoliTo email).

1) STEP 1

You can upload and run the SQL script to insert the table with the “Upload Script” in the “My Scripts” section:

The image shows the 'Upload Script' form in Oracle Live SQL. It includes a file selection button, a script name field, a character set dropdown (set to Unicode UTF-8), and a description text area. At the bottom are 'Cancel' and 'Upload Script' buttons.

For **each script** inside the downloaded folder:

- Upload the `.sql` script file (upload the scripts in the following order: `timedim.sql`, `phonerate.sql`, `location.sql`, `facts_sample.sql`)
- Choose the Script Name (whatever you want)
- Choose the Description (whatever you want)
- Run the script (green button on the top-right part of the page)

The image shows the 'My Scripts' section in Oracle Live SQL. It displays a table with the following data:

Name	FACTS
Description	facts

At the top of the script entry, there are buttons for 'Actions', 'Edit Attributes', and 'Run Script'.

2) STEP 2

Check that all your tables have been uploaded correctly in the “Schema” section:

The screenshot shows the 'Schema' section of a database management interface. At the top, there is a search bar labeled 'Search Database Obj', a dropdown menu for 'Schema' set to 'My Schema', a 'Sort By' dropdown set to 'Name', and two radio buttons for 'Options': 'Primary Objects' (selected) and 'Primary and Subordinate'. A 'Reset Search' button is at the bottom left. On the right, there are three table cards: 'FACTS', 'LOCATION', and 'PHONERATE'. Each card shows 'Table Status: Valid' and a creation time. Below these, there is a 'TIMEDIM' card also showing 'Table Status: Valid' and a creation time. At the top right, there are buttons for 'Upload Script', 'Actions', and '+ Create Database Object'.

Table	Status	Created
FACTS	Valid	25 seconds ago
LOCATION	Valid	19 minutes ago
PHONERATE	Valid	13 minutes ago
TIMEDIM	Valid	16 minutes ago

3) STEP 3

Query your database via the “SQL Worksheet”

The screenshot shows the 'SQL Worksheet' section of a database management interface. On the left is a sidebar with navigation links: 'Home', 'SQL Worksheet' (selected), 'My Session', 'Schema', 'Quick SQL', 'My Scripts', 'My Tutorials', and 'Code Library'. The main area has a title 'SQL Worksheet' and buttons for 'Clear', 'Find', 'Actions', 'Save', and 'Run'. Below the title is a text area containing a SQL query: 'SELECT * FROM Facts F'. At the bottom, there is a table with the following data:

ID_TIME	ID_PHONERATE	ID_LOCATION_CALLER	ID_LOCATION_RECEIVER	PRICE	NUMBEROFCALLS
3	3	906	786	1094070	96
3	5	902	782	66130	96