



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' dialog box 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_1.sql`, `location_2.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' interface in Oracle Live SQL. It displays a table with the script details:

My Scripts \	
Name	FACTS
Description	facts

At the top right 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. On the left, there is a sidebar with a search bar labeled 'Search Database Obj', a 'Schema' dropdown menu set to 'My Schema', a 'Sort By' dropdown set to 'Name', and 'Options' with radio buttons for 'Primary Objects' (selected) and 'Primary and Subordinate'. A 'Reset Search' button is at the bottom of the sidebar. The main area displays three table cards: 'FACTS' (created 25 seconds ago), 'LOCATION' (created 19 minutes ago), and 'PHONERATE' (created 13 minutes ago). Each card shows 'Table Status: Valid' and a table icon. At the top right, there are buttons for 'Upload Script', 'Actions', and '+ Create Database Object'.

## 3) STEP 3

Query your database via the “SQL Worksheet”

The screenshot shows the 'SQL Worksheet' interface. On the left is a dark sidebar with navigation links: 'Home', 'SQL Worksheet' (highlighted), 'My Session', 'Schema', 'Quick SQL', 'My Scripts', 'My Tutorials', and 'Code Library'. The main area has a title bar with 'Clear', 'Find', 'Actions', 'Save', and 'Run' buttons. Below the title bar, a SQL query is entered in a text area: 

```
1 SELECT *
2 FROM Facts F
```

. At the bottom, a table displays the query results with 6 columns: ID\_TIME, ID\_PHONERATE, ID\_LOCATION\_CALLER, ID\_LOCATION\_RECEIVER, PRICE, and NUMBEROFCALLS. The table contains two rows of 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