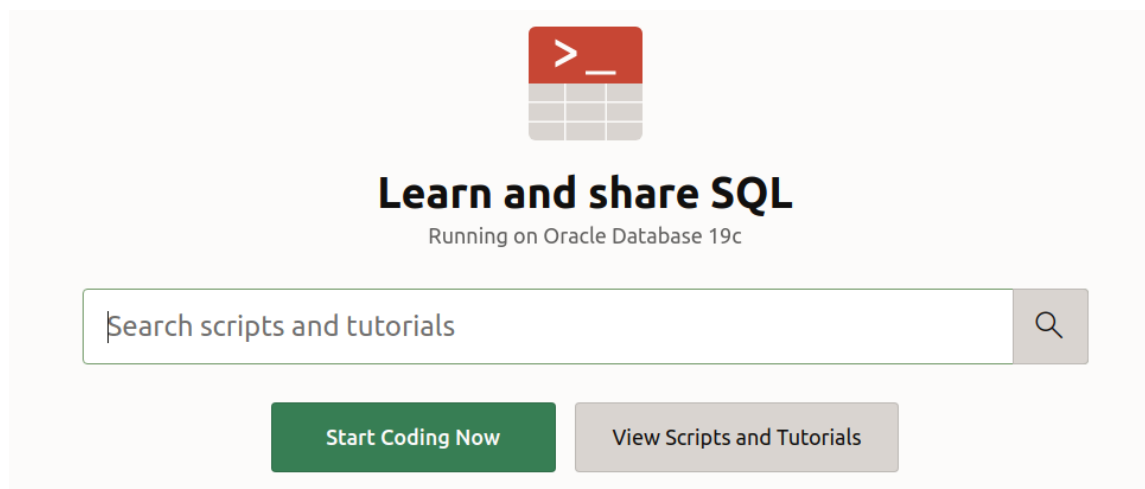




Data Base and Data Mining Group of Politecnico di Torino

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.

Once logged in, you will see in the left panel the following sections:

- **SQL Worksheet:** Here you can run pieces of SQL code, as the Queries on the loaded tables.
- **Schema:** Here you can find all the imported database objects.
- **My scripts:** In which will appear all the uploaded scripts that can be used to import the data.

On Live SQL you can not import CSV files. Then one alternative way is to define the necessary tables via SQL scripts. The required scripts for Laboratory 1 and 2 can be found [here](#). You can upload the files from your computer on the “My Script” section:

Upload Script

×

File * 📄
File size is limited to 1 mb.

Script Name *

Character Set ▼

Description *

Cancel
📤 Upload Script

Once uploaded you can run the script by clicking the button on the top right part of the panel. Each script allows importing one of the required objects.

My Scripts \ **Script** ⓘ Actions Edit Attributes Run Script

Name	time
Description	Time dim
Area	-
Visibility	Private - you are the only person who can access
Tags	-
Script Results	Your script results are current. Whats This?
Last Updated	Monday October 25, 2021 (Created 62 minutes ago)
Metrics	2 Executions, 31 Statements, 3,771 bytes

Statement 1 🗑 Edit

```
CREATE TABLE TIMEDIM(
  ID_time INTEGER NOT NULL PRIMARY KEY
  ,DayDate DATE NOT NULL
  ,DayOfWeek VARCHAR(15) NOT NULL
  ,DateMonth VARCHAR(7) NOT NULL
  ,DateYear INTEGER NOT NULL
)
```

Statement 2 🗑 Edit

```
INSERT INTO TIMEDIM(ID_time,DayDate,DayOfWeek,DateMonth,DateYear) VALUES (1,DATE '2003-07-01','tuesday','7-2003',2003)
```

Statement 3

Remember to not Drop the previous database objects if you run multiple scripts. The compressed folder contains the **fact** table and its reduced version (**fact_sample**). Due to memory limitations, we suggest using the second one. Recall to run "facts_sample" as the last script since its field referencing the other tables.

If you encounter any problems, even with the smaller dataset, please reset the session and repeat the procedure (From SQL Worksheet > Actions > Reset session).

You can check your tables in the “Schema” section:

Schema ⓘ Upload Script Actions ▾ + Create Database Object

Search Database Obj

Schema
My Schema ▾

Sort By
Name ▾

Options
 Primary Objects
 Primary and Subordinate

Reset Search

FACTS ⓘ
Table
Status: Valid
Created 25 seconds ago

LOCATION ⓘ
Table
Status: Valid
Created 19 minutes ago

PHONERATE ⓘ
Table
Status: Valid
Created 13 minutes ago

TIMEDIM ⓘ
Table
Status: Valid
Created 16 minutes ago

Finally, you can then query your database via the SQL Worksheet:

Home SQL Worksheet My Session Schema Quick SQL My Scripts My Tutorials Code Library

SQL Worksheet Clear Find Actions ▾ Save Run

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

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