

# Adatbázis Rendszerek segédlet



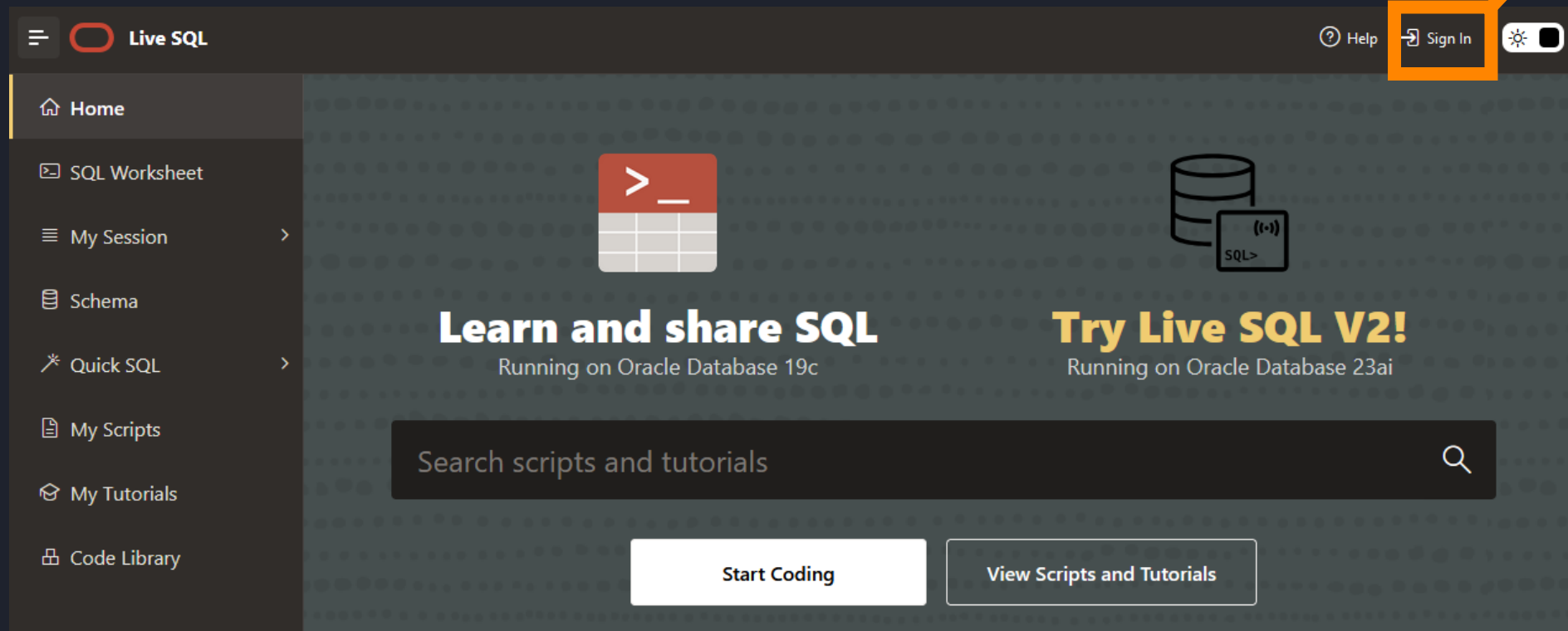
Oracle Live SQL használata, az  
**Oracle Database 18c Express Edition**  
kiváltása böngésző alapú SQL fordító segítségével.



**ORACLE®**  
**D A T A B A S E**

# 1. Bejelentkezés / regisztráció

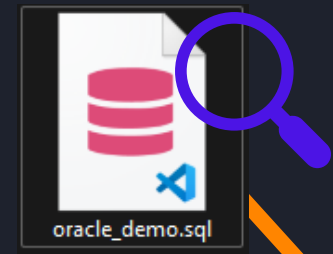
<https://livesql.oracle.com>



## 2. Script feltöltése

The diagram illustrates the process of uploading a script in Live SQL, consisting of three main steps:

- Step 1:** In the Live SQL interface, the **Schema** option in the left sidebar is selected.
- Step 2:** The **Upload Script** button is visible in the top bar of the Schema view.
- Step 3:** The **Upload Script** dialog is shown. The **File** field contains `oracle_demo.sql`. The **Script Name** field contains `oracel_demo_v2`. The **Character Set** is set to `Unicode UTF-8`. The **Description** field contains `DB used during Database Systems class.`. The **Upload Script** button is highlighted.



# 3. Script megnyitása

**Live SQL**

Feedback Help

Home SQL Worksheet My Session Schema Quick SQL **My Scripts** My Tutorials

**My Scripts**

Upload Script

Search My Scripts

Display By

- ☒ Date Last Touched
- ☐ Date Added
- ☐ Name
- ☐ Invocations
- ☐ Statements

Visibility

<b>oracel_demo_v2</b> DB used during Database Systems class.	0 ❤️ 1 ▶️	🕒 119 seconds ago 👁️ Private
<b>oracel_demo</b> sadas	0 ❤️ 1 ▶️	🕒 8 months ago 👁️ Private

# 4. Script futtatása

The screenshot shows the 'Live SQL' web application interface. On the left is a sidebar with navigation links: Home, SQL Worksheet, My Session, Schema, Quick SQL, My Scripts (highlighted), and My Tutorials. The main area is titled 'My Scripts \ Script'. In the top right of this area, there is an orange '1.' and a green 'Run Script' button with a play icon, which is highlighted by an orange rectangular box. Below this, a table displays script details:

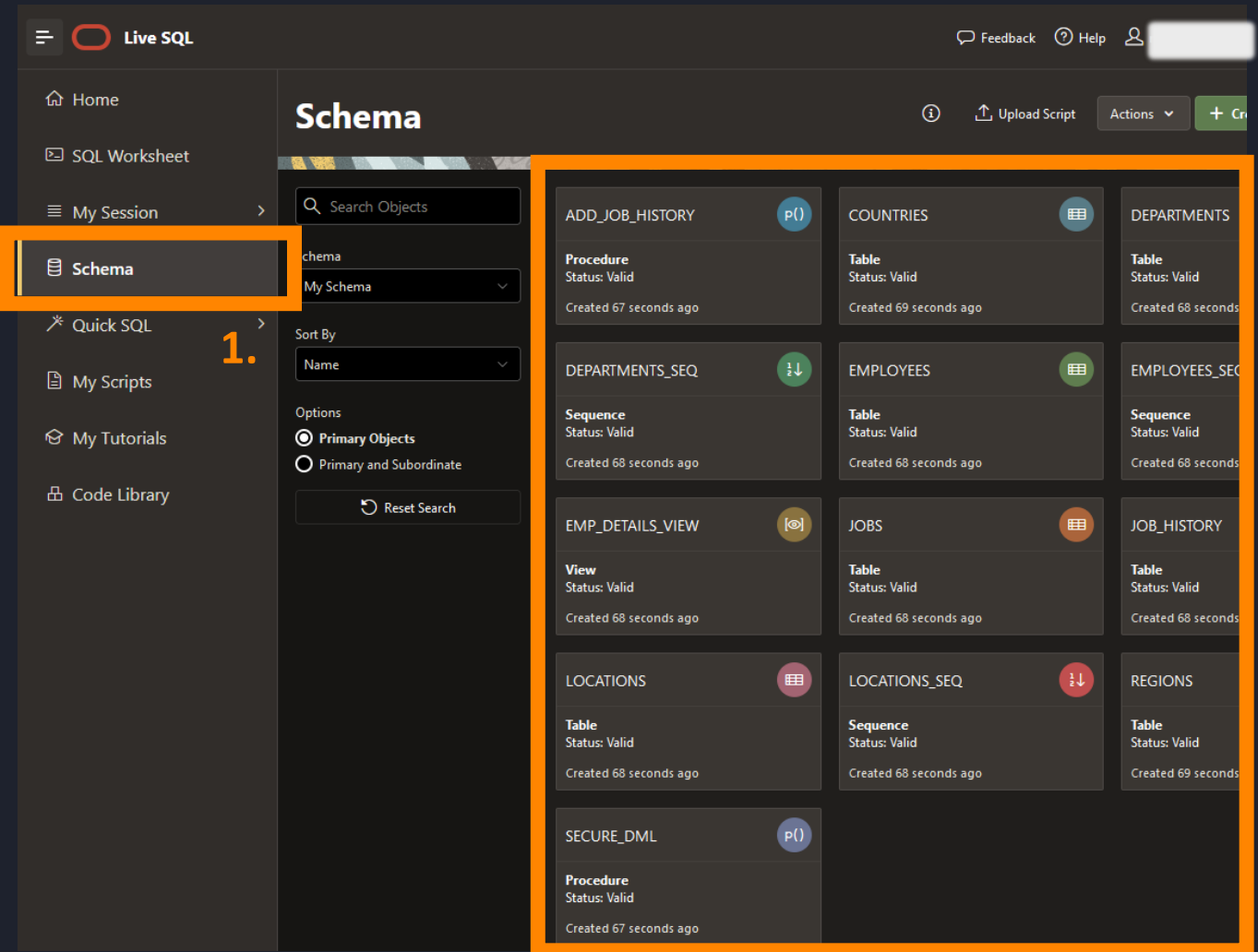
Name	oracel_demo_v2
Description	DB used during Database Systems class.
Area	-
Visibility	Private - you are the only person who can access
Tags	-

# 5. Adatbázis ellenőrzése

Ellenőrizzük, hogy a **táblák** létrehozásra kerültek.

Megeshet, hogy hibaüzenetet kapunk a script futtatásakkor, ekkor érdemes a **rekordok** sikeres **beszúrást** is ellenőrizni.

Ennek menetét a következő dia szemlélteti.



# 6. Tesztelés és használat

The screenshot shows the Live SQL web application interface. On the left is a sidebar with navigation links: Home, SQL Worksheet (highlighted with an orange box and labeled '1.'), My Session, Schema, Quick SQL, My Scripts, My Tutorials, and Code Library. The main area is titled 'SQL Worksheet' and contains a text editor with SQL code (highlighted with an orange box and labeled '2. Bemeneti konzol'). The code is: 

```
1 alter session set nls_date_format = 'YYYY.MM.DD';
2 select first_name, last_name, hire_date, salary
3 from employees
4 where department_id = (
5   select department_id
6   from employees
7   where first_name='Alexander' and last_name='Khoo'
8 )
9 order by salary desc;
```

 To the right of the editor is a 'Run' button (highlighted with an orange box and labeled '3.'). Below the editor is a results pane (highlighted with an orange box and labeled '4. Kimeneti ablak') showing the message 'Statement processed.' and a table of results. The table has columns FIRST\_NAME, LAST\_NAME, HIRE\_DATE, and SALARY, with 6 rows of data. Below the table is a 'Download CSV' button and the text '6 rows selected.'

FIRST_NAME	LAST_NAME	HIRE_DATE	SALARY
Den	Raphaely	1994.12.07	11000
Alexander	Khoo	1995.05.18	3100
Shelli	Baida	1997.12.24	2900
Sigal	Tobias	1997.07.24	2800
Guy	Himuro	1998.11.15	2600
Karen	Colmenares	1999.08.10	2500

## Minta lekérdezés:

```
alter session set
nls_date_format
='YYYY.MM.DD';
select first_name,
last_name, hire_date, salary
from employees
where department_id = (
  select department_id
  from employees
  where
    first_name='Alexander'
    and last_name='Khoo'
)
order by salary desc;
```

# Eredményes használatot és sikeres tárgyteljesítést kívánok!

