



# Solve It With SQL

## Lesson 1

### Prepare for This Course





# Overview

This lesson covers the following topics:







- Request APEX accounts for all students (Teacher only)
- Download and save a script
- Connect to and login to Oracle Application Express
- Add data to your database by running a script.

# Logging In to a Database Workspace

Enter the correct URL in your browser address bar  
Using the login details provided, sign in to your APEX workspace.



Oracle Application Express

	workspace name	
	user name	
	.....	
<a href="#">Sign In</a>		

[Reset Password](#) [Request a Workspace](#)

# Database Environment

Oracle Application Express is a web application development, deployment, and maintenance tool that you will use throughout this course.

## Oracle Application Express Home Page

**ORACLE** Application Express

Application Builder



SQL Workshop



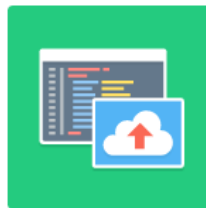
Team Development



Packaged Apps



Application Builder



SQL Workshop



Team Development



Packaged Apps

# Oracle Application Express Components

Oracle Application Express has four components:

- Application Builder
- SQL Workshop
- Team Developer
- Packaged Apps

To learn SQL you will use the **SQL Workshop** component.



# What Is SQL Workshop?

**ORACLE** Application Express

Application Builder

SQL Workshop

Team Development

Packaged Apps



Object Browser



SQL Commands



SQL Scripts



Utilities



RESTful Services



In the SQL Workshop you can create, view, and edit database objects.  
We will use the **SQL Commands** and **SQL Scripts** options in this course!

# Setting up your data

Before we can keep the city safe from criminals we need to add all of the known criminal's details into a SQL database.



From the APEX menu click on the SQL Scripts option



SQL Scripts

You will see the following interface:

↑ SQL Scripts





# Uploading and Running a script

Click on the Upload button

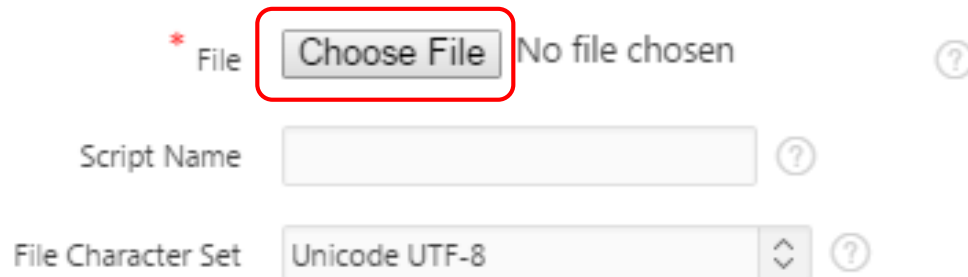
↑ SQL Scripts



A screenshot of the Oracle SQL Scripts toolbar. It includes a search icon, a search input field, a 'Go' button, a grid icon, a table icon, an 'Actions' dropdown, a 'Delete Checked' button, an 'Upload >' button (highlighted with a red rectangle), a 'Create >' button, and a 'Tasks' tab.

Click the Choose File button

## Upload Script



A screenshot of the 'Upload Script' dialog. It features a file selection area with a red asterisk, the text 'File', a 'Choose File' button (highlighted with a red rectangle), and the text 'No file chosen'. Below this are two input fields: 'Script Name' and 'File Character Set' (set to 'Unicode UTF-8'). Each input field has a help icon (question mark) to its right.

# Uploading and Running a script



Browse to where you saved the Suspects.sql file and click ok.

Click the



button

You will see the following information about your script:

Name	Created	Updated By	Updated 	Bytes	Results	Run
Suspects.sql	3 minutes ago	<i>Your information here</i>	3 minutes ago	62,193	1	

Click the run



button to execute the script!

# Uploading and Running a script

You will see a confirmation message



Run Script

Check the details are correct

Script Name	<b>Suspects.sql</b>
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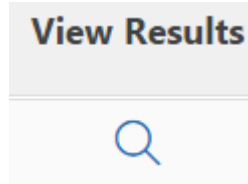
Click the Run Now button

Run Now

Run in Background

# Uploading and Running a script

When the script runs you will see a view results option:



Click on the Magnifying glass  and scroll to the bottom and you should see the following message:



If you **don't** see this tell your tutor!!



Good Job!!  
Now we are ready to save  
the city.

Preparation Complete!!

# Summary

In this lesson, you should have learned how to:

- Create APEX accounts for all students (Teacher only)
- Download and save a script from iLearning
- Connect to and login to Oracle Application Express
- Add data to your database by running a script.

