

Practice: Getting Started with Oracle APEX on the Oracle Autonomous Database

Practice 1: Provision an APEX Workspace

Introduction

Oracle APEX is a low-code application platform for Oracle Database. APEX Application Development, Autonomous Data Warehouse (ADW), and Autonomous Transaction Processing (ATP) are fully managed services, pre-integrated and pre-configured with APEX, for rapidly building and deploying modern data-driven applications in Oracle Cloud. Business users, citizens, and application developers can create enterprise apps 20X faster with 100X less code — without having to learn complex web technologies with just a browser. To start, you will need to decide on the service you are going to use for this workshop and then create an APEX workspace accordingly.

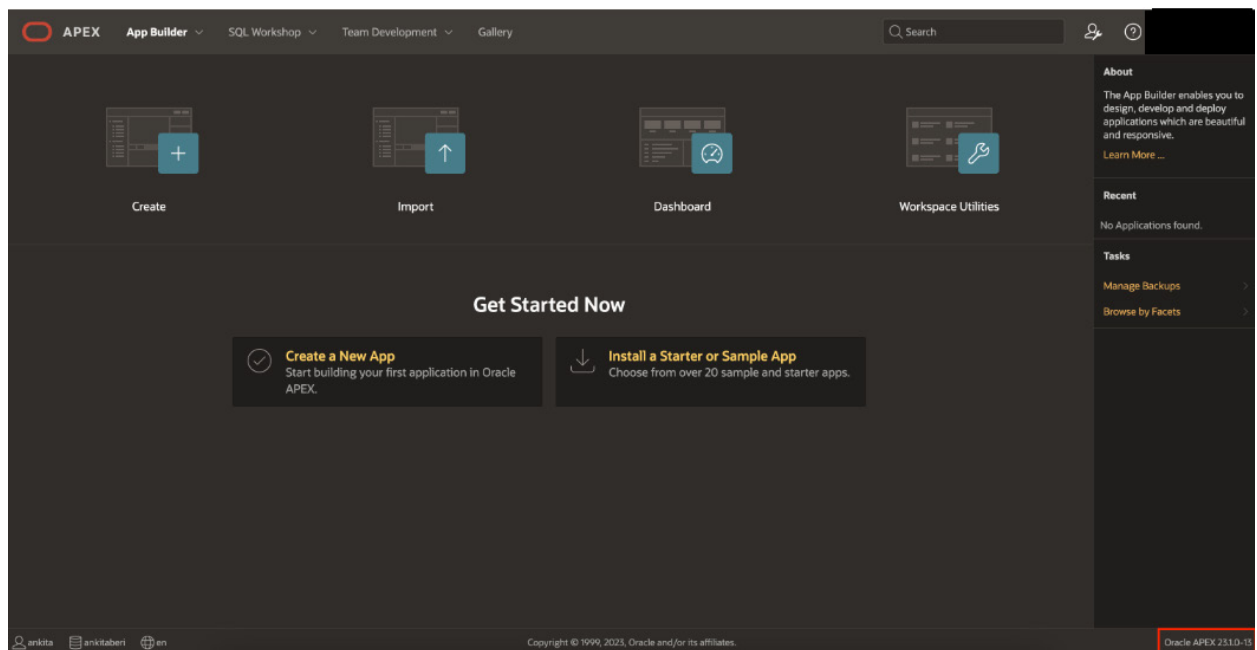
What is an APEX Workspace?

An APEX Workspace is a logical domain where you define APEX applications. Each workspace is associated with one or more database schemas (database users) which are used to store the database objects, such as tables, views, packages, and more. APEX applications are built on top of these database objects.

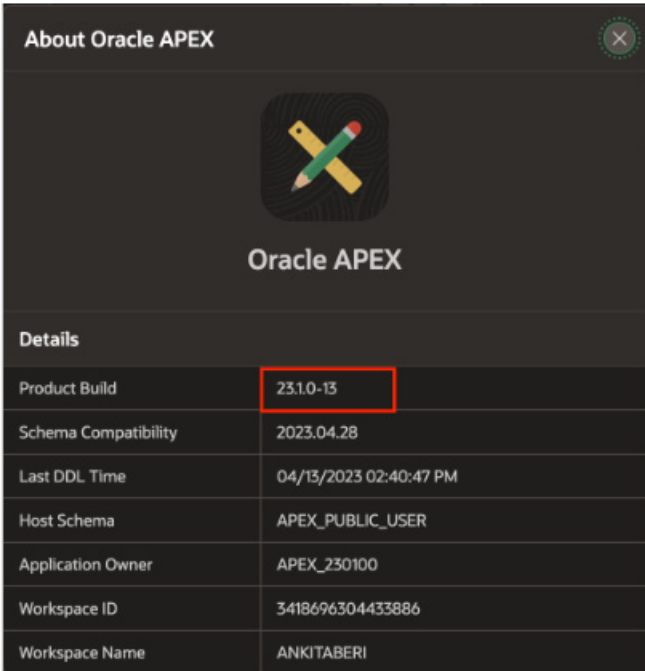
How do I find my APEX release version?


To determine which release of Oracle APEX you are currently running, do one of the following:

- **View the release number on the Workspace home page:**
 - Sign in to Oracle APEX. The Workspace home page appears. The current release version is displayed in the bottom right corner.



- **View the About APEX page:**
 - Sign in to Oracle APEX. The Workspace home page appears.
 - Click the Help menu at the top of the page and select About. The About APEX page appears.



About Oracle APEX	
	
Oracle APEX	
Details	
Product Build	23.1.0-13
Schema Compatibility	2023.04.28
Last DDL Time	04/13/2023 02:40:47 PM
Host Schema	APEX_PUBLIC_USER
Application Owner	APEX_230100
Workspace ID	3418696304433886
Workspace Name	ANKITABERI

Where to Run the Lab

You can run this lab in any Oracle Database with APEX 23.1 installed. This includes the APEX Application Development Service, the free, "Development Only" apex.oracle.com service, your on-premises Oracle Database (providing APEX 23.1 is installed), on a third-party cloud provider where APEX 23.1 is installed, or even on your laptop by installing Oracle XE or Oracle VirtualBox App Dev VM and installing APEX 23.1.

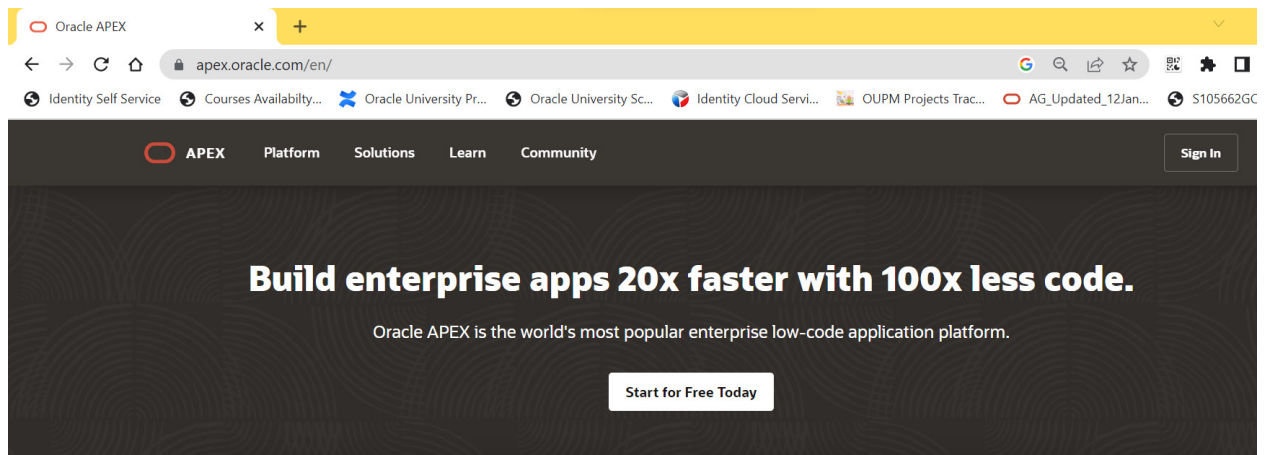
For this course, we will use the free, "Development Only" apex.oracle.com service.

Sign Up for apex.oracle.com

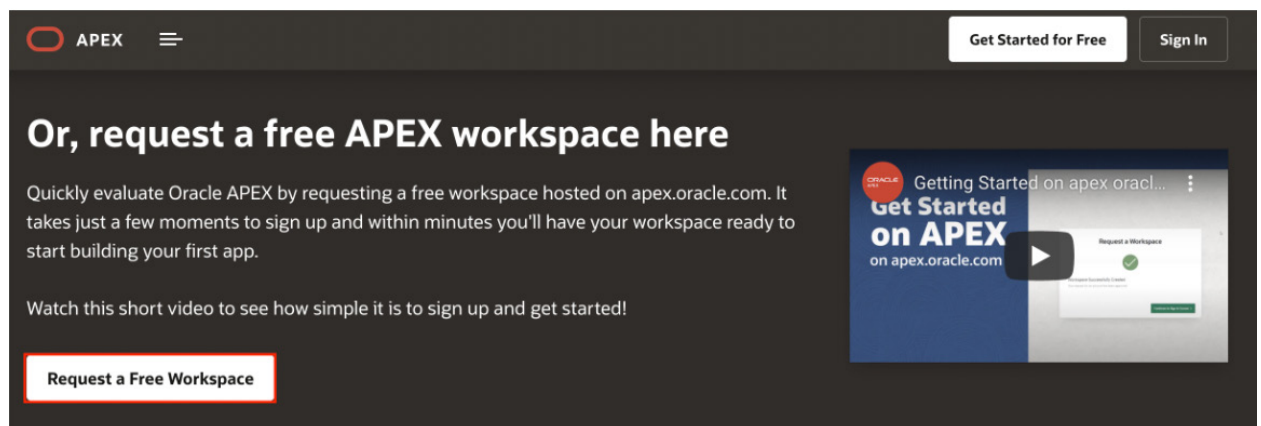
Signing up for apex.oracle.com is simply a matter of providing details on the workspace you wish to create and then waiting for the approval email.

1. Go to <https://apex.oracle.com>

2. Click **Get Started for Free**.



3. Scroll down and you will see details for apex.oracle.com. Click **Request a Free Workspace**.



4. On the Request a Workspace dialog, enter your identification details – First Name, Last Name, Email, Workspace Name, Your Location, etc.
Now, please accept the **Terms** of the **Oracle APEX Service Agreement** and then **Request Workspace**

Note: For workspace, enter a unique name, such as first initial and last name.

Get started with Oracle APEX

Request a workspace

- **Go from Zero to App in No Time**
Oracle APEX is easy to use and easy to learn so you can begin to build immediately.
- **Eliminate 98% of Hand Coding**
The powerful components of Oracle APEX enable you to add a high-level of functionality to your apps with limited coding.
- **Powerful and Proven**
Oracle APEX can be used to build a wide variety of apps for any industry, from departmental apps to mission critical systems used by hundreds of thousands of users or more.

First name *

Last name *

Email *

Workspace name *
apex_handson_labs
The workspace name uniquely identifies your development environment and is used when signing in.

Your Location *
India

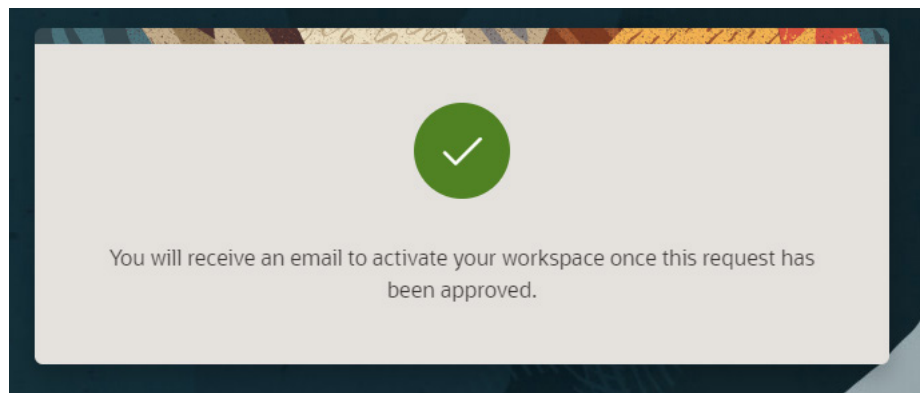
Are you new to Oracle APEX? *
☒ Yes ☐ No

Do you plan to use APEX for education or training? *
☒ Yes ☐ No

☒ I agree to the terms of the [Oracle APEX Service Agreement](#)

Request Workspace

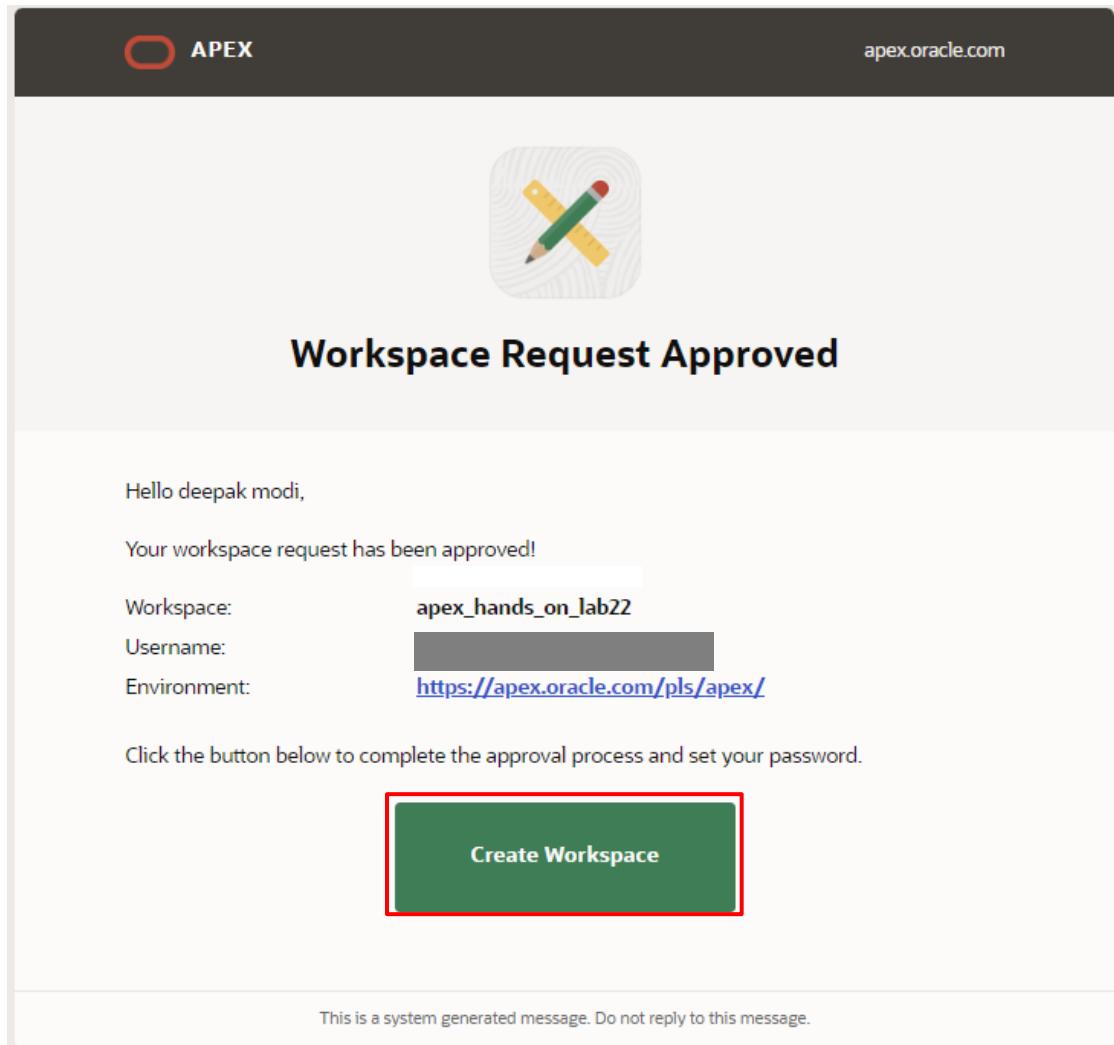
[Already have an account? Sign In](#)



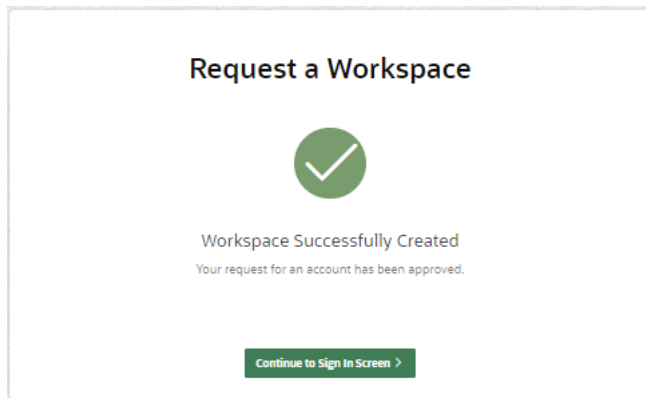
5. Check your email. You should get an email from `apexext-noreply@ociapp-notifications.oracle.com` within a few minutes.

Note: If you don't get an email go back to Step 3 and make sure to enter your email correctly.

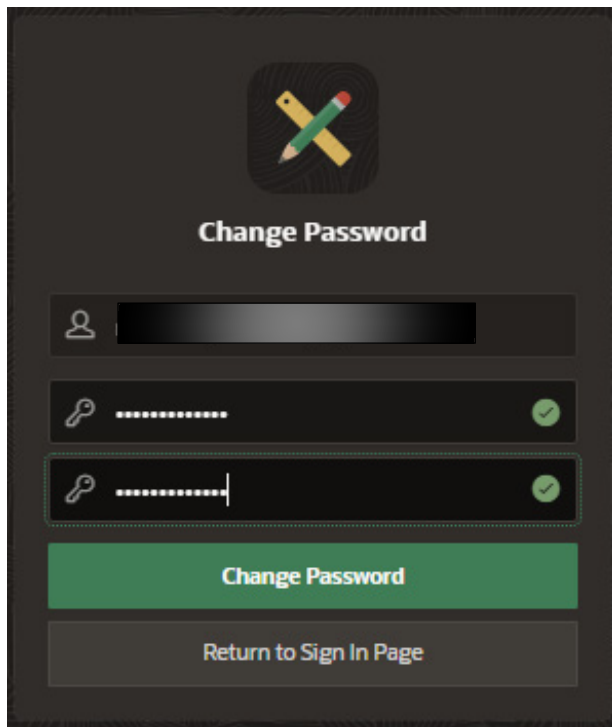
Within the email body, click **Create Workspace**.



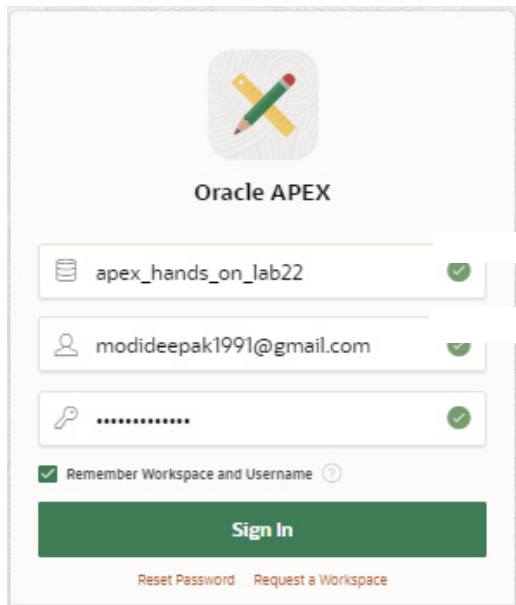
6. Click **Continue to Sign In Screen**.



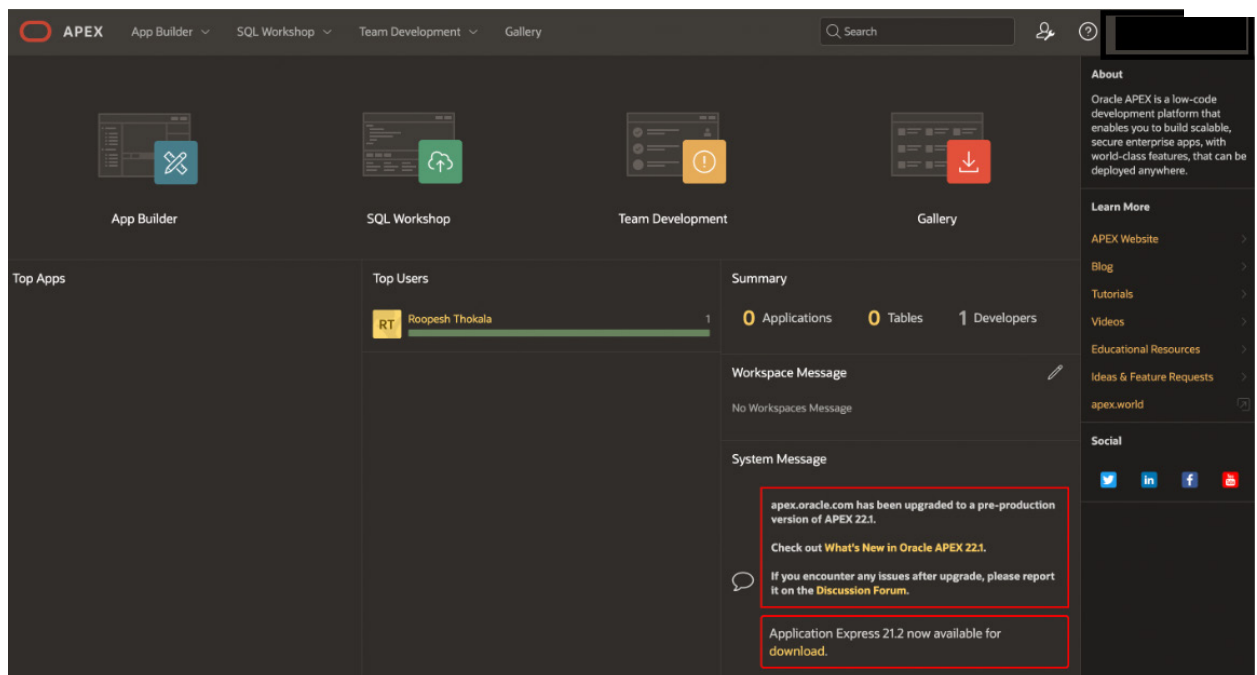
7. Enter your password, and click **Change Password**.



8. On the APEX Workspace login page, enter your password, select the **Remember workspace and username** checkbox, and then click Sign In.



9. You should now be in the APEX Builder.



Summary

At this point, you know how to create an APEX Workspace and you are ready to start building amazing apps, fast. You may now **proceed to the next practice**.

Practice 2: Install and Run a Sample Application Overview

In this lab, you will navigate through the major components of Oracle APEX. This lab also covers installing and running a sample application.

In this lab, you will:

- Navigate through the major Components of Oracle APEX
- Install and run a packaged application

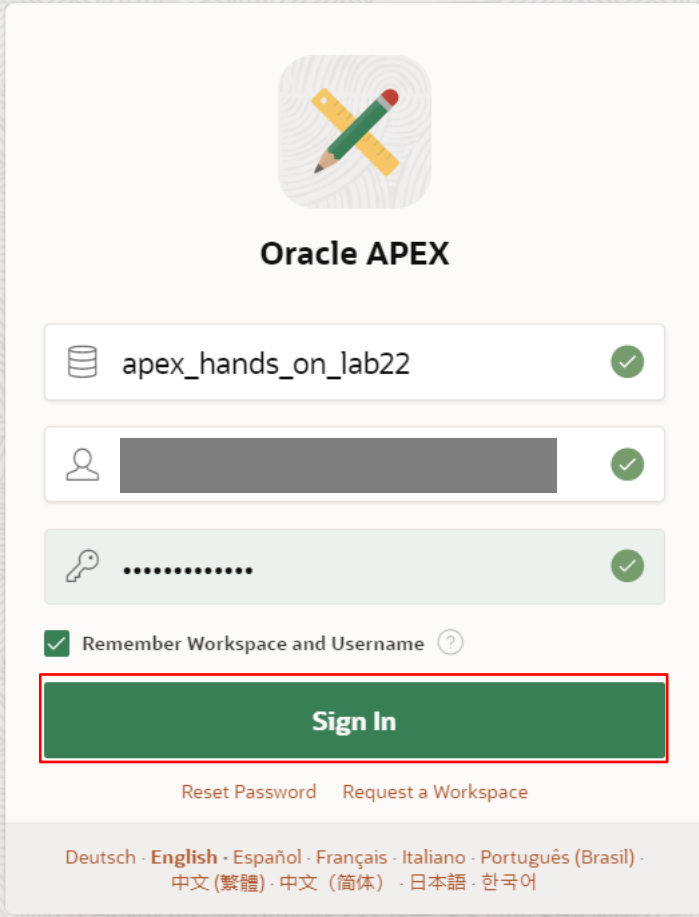
Tasks

Major Components of APEX

To log in to Oracle APEX, you need a Workspace Name, username, and the password created for that Workspace. In this hands-on lab, you log in to your Oracle APEX Workspace.

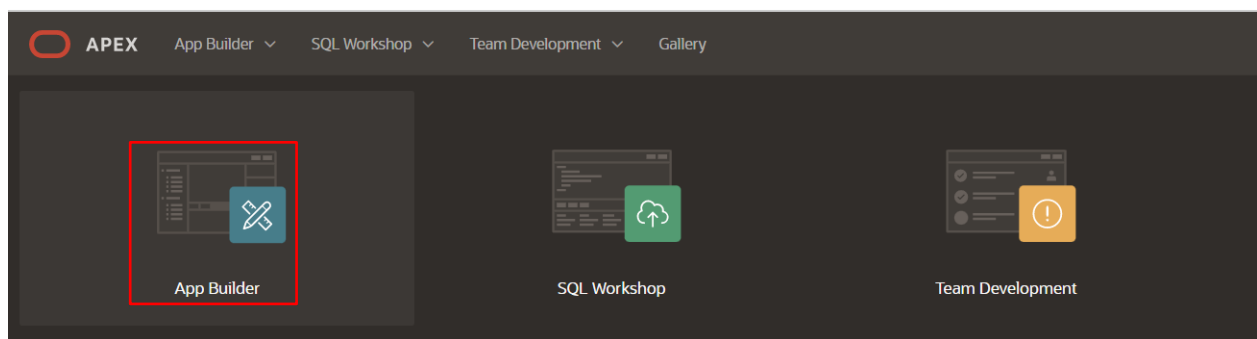
1. Log in to **Oracle APEX Workspace**. Perform the following steps:
 - a. Open your browser and enter the URL to sign in to the APEX development environment.

- b. The login page appears. Enter the workspace name, username, and password. Click **Sign In**.

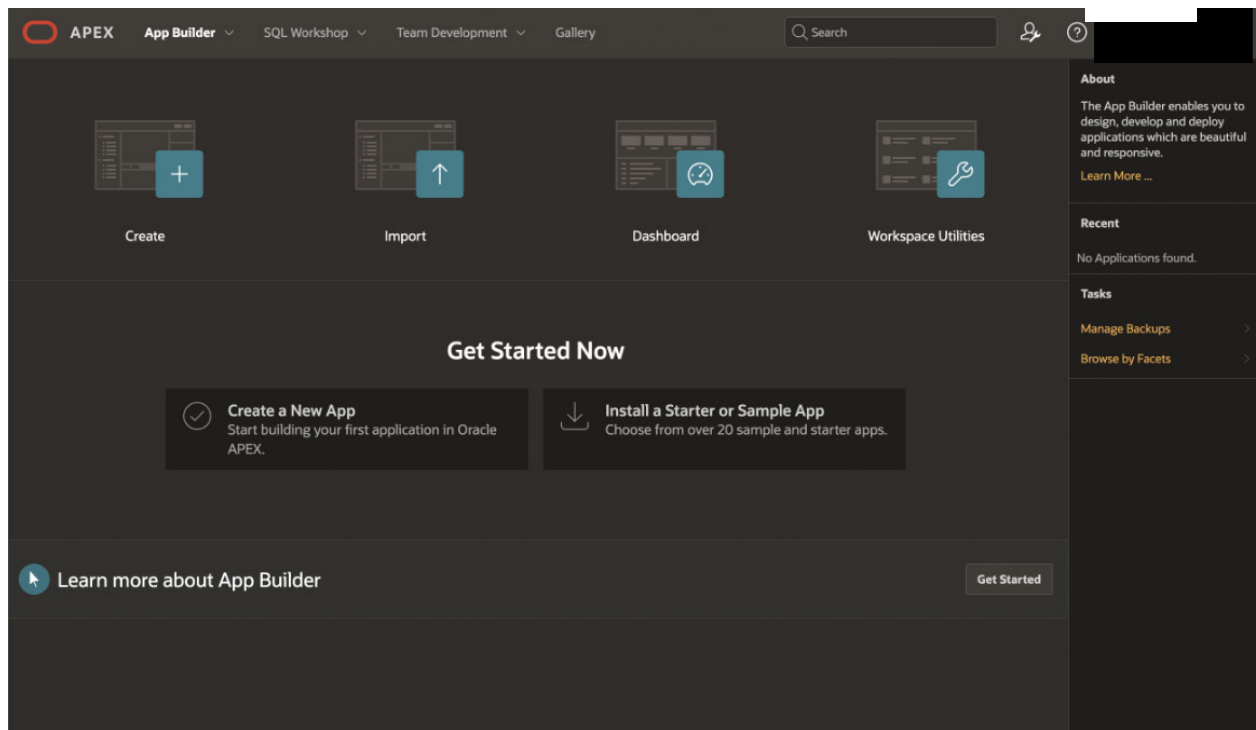


The image shows the Oracle APEX login page. At the top is the Oracle APEX logo, which consists of a stylized 'X' made of two crossed pencils. Below the logo, the text "Oracle APEX" is displayed. The login form contains three input fields: a workspace name field with the value "apex_hands_on_lab22", a username field with a greyed-out placeholder, and a password field with masked characters. Each field has a green checkmark icon to its right. Below the password field is a checkbox labeled "Remember Workspace and Username" with a question mark icon. A large green "Sign In" button is highlighted with a red rectangular border. Below the button are two links: "Reset Password" and "Request a Workspace". At the bottom, there is a row of language links: "Deutsch · English · Español · Français · Italiano · Português (Brasil) · 中文 (繁體) · 中文 (简体) · 日本語 · 한국어".

2. The **Workspace** home page appears. Click **App Builder**.

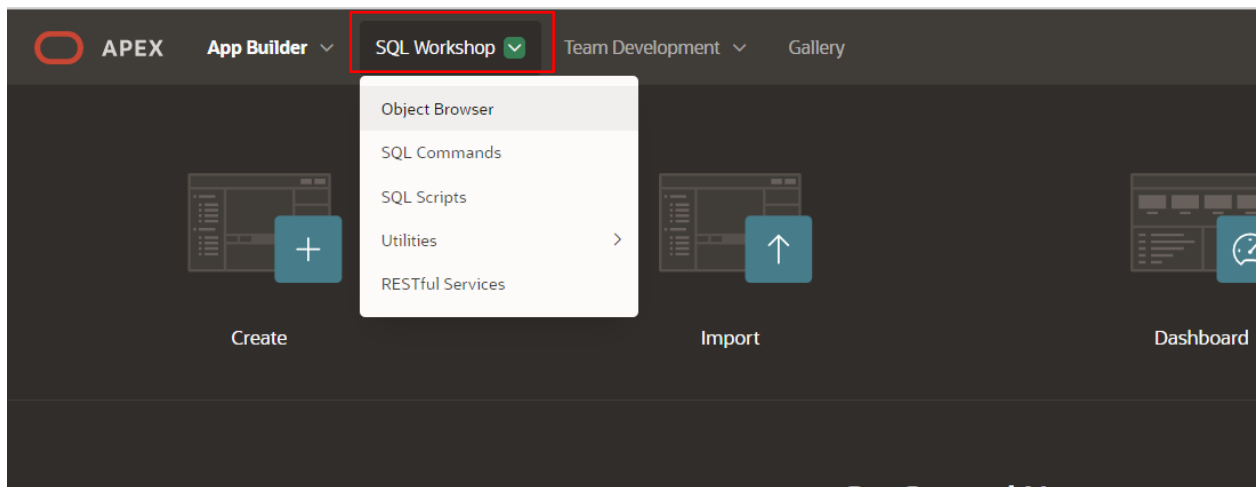


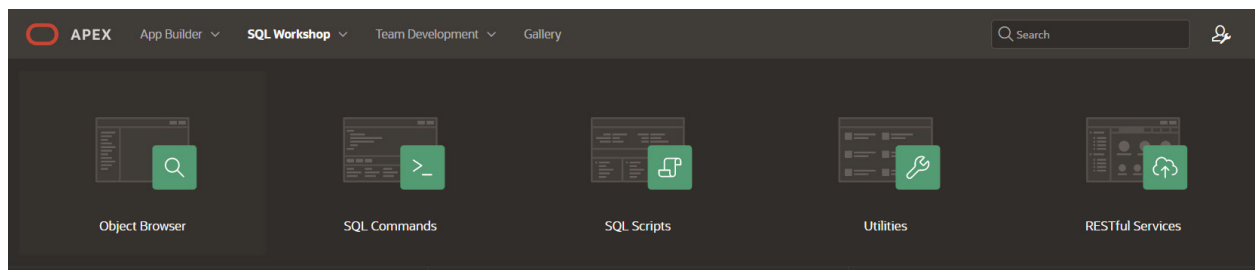
3. You do not have any applications listed right now. You can create a new app or install a **sample** or **starter app**.



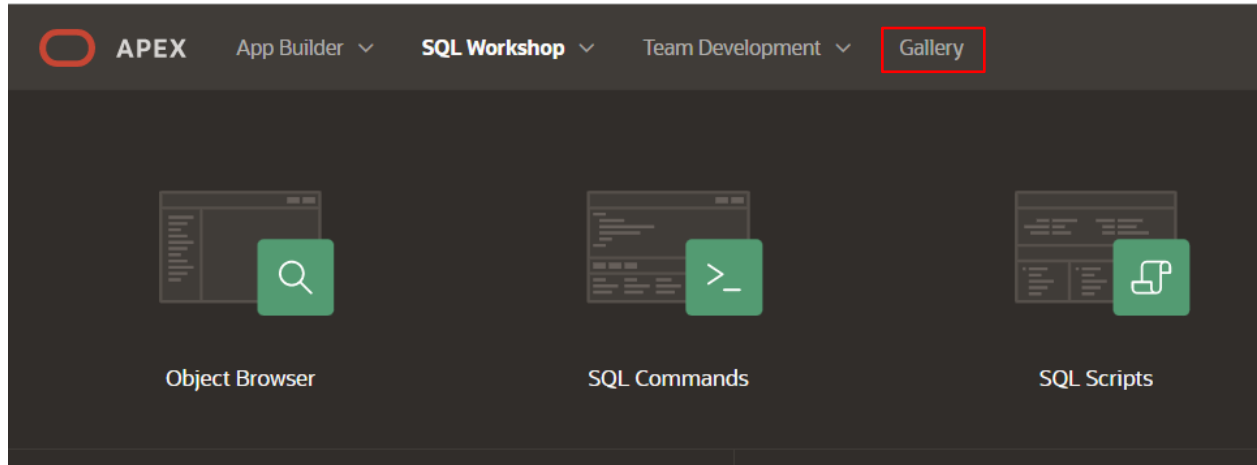
4. Click **SQL Workshop**.

The SQL Workshop home page appears. Review each of the **SQL Workshop** components.

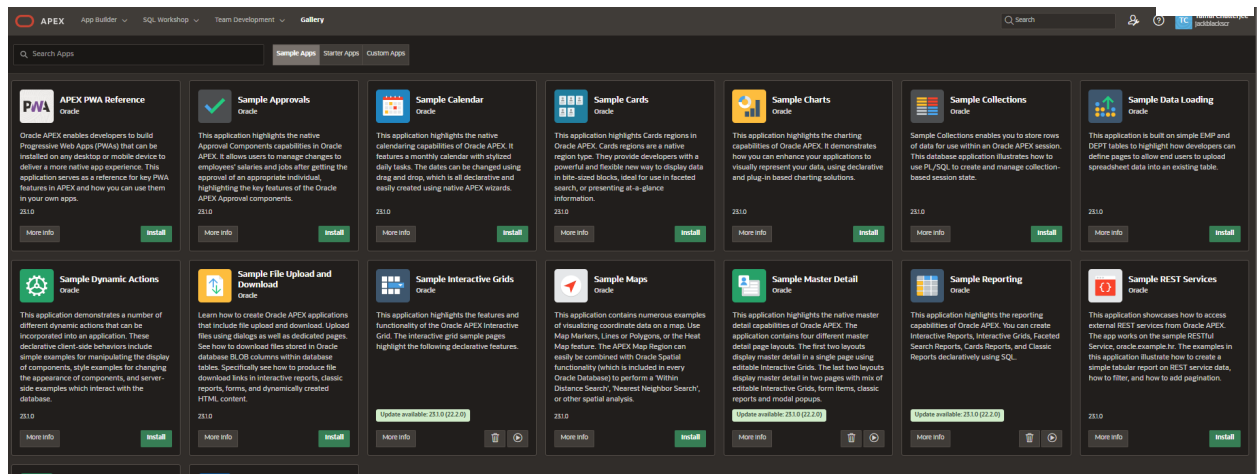




5. Click **Gallery**.



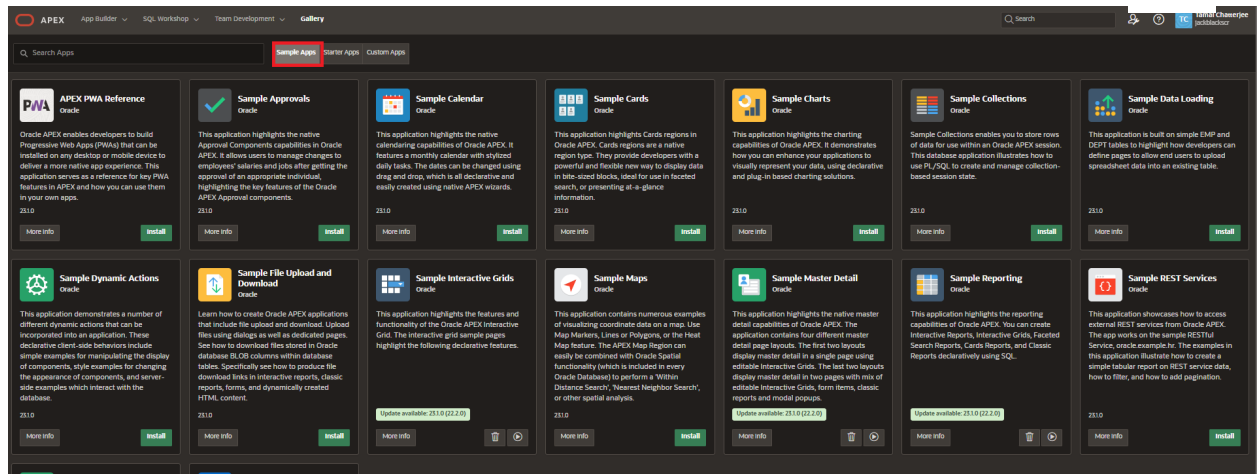
6. The Gallery page displays a collection of starter applications, sample applications and custom applications that you can install in your workspace.



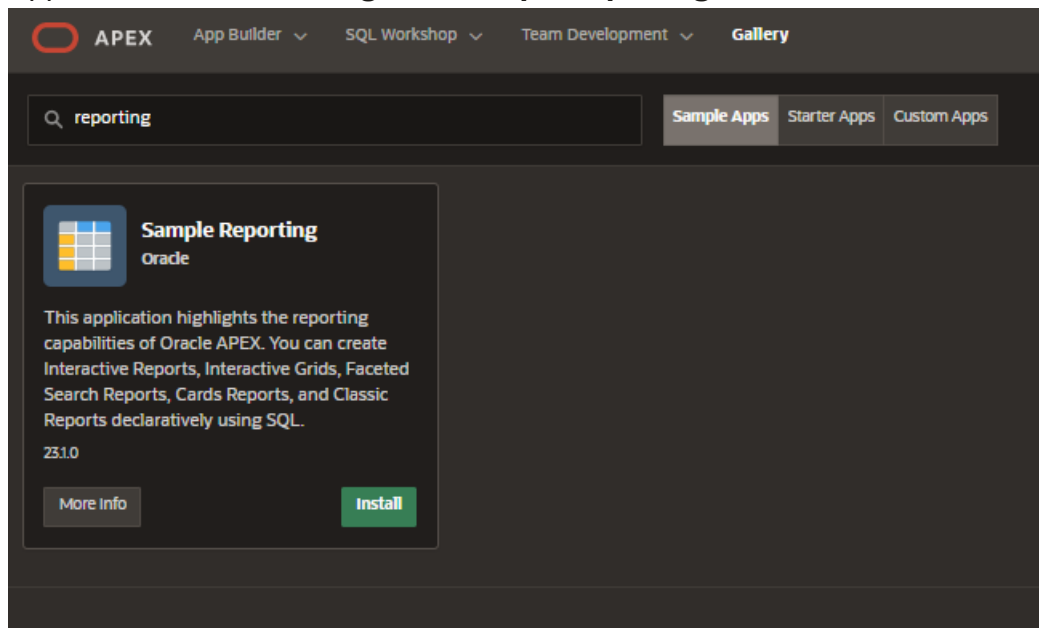
Install a Sample Application

Now, we will learn how to install and run a sample application.

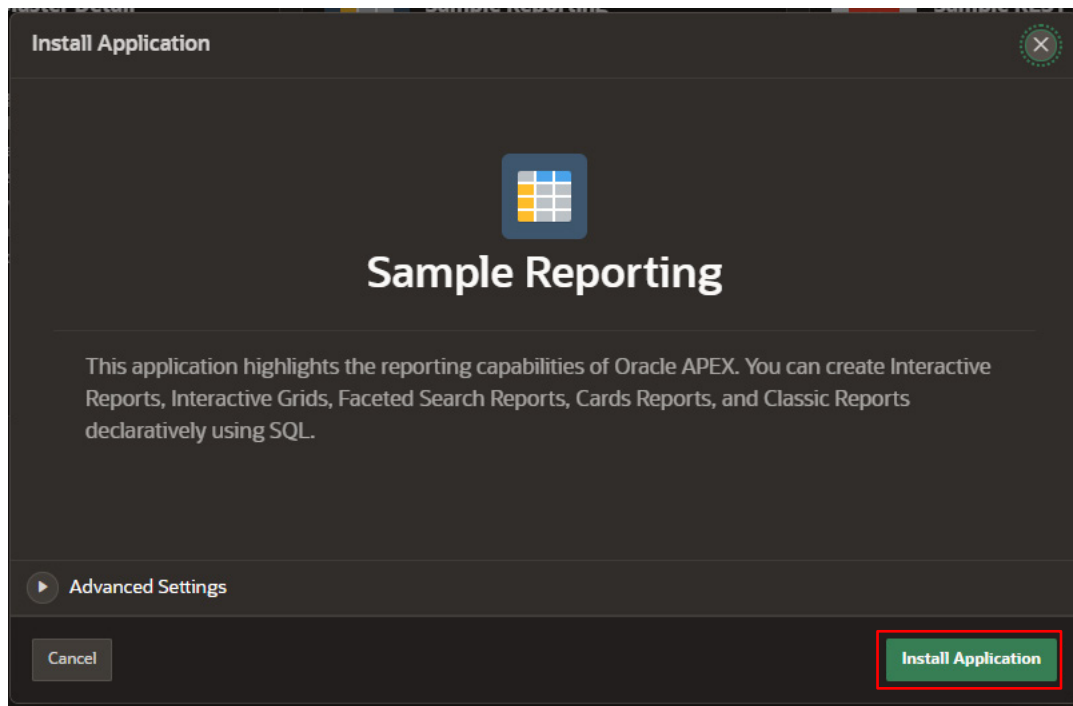
1. Once you navigate to Gallery, click **Sample Apps**.



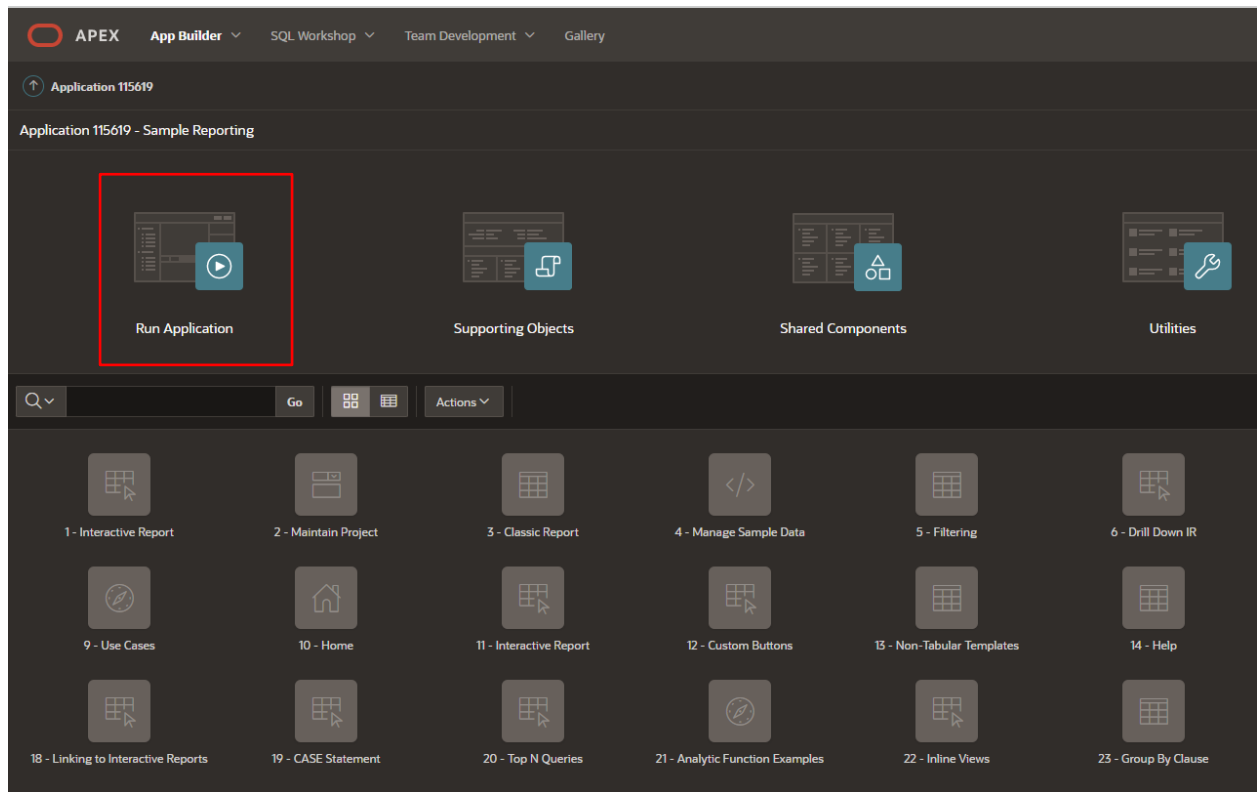
2. Now that you are in **Sample Apps**, search for apps by typing "**Reporting**" into the "Search Apps" search box and navigate to **Sample Reporting** and click the **Install** button.



3. On the Install Application page, click the **Install Application** button.



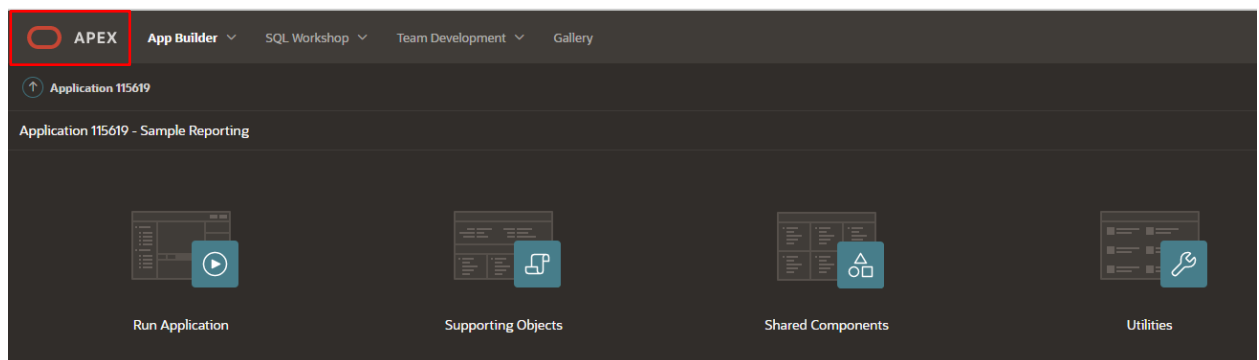
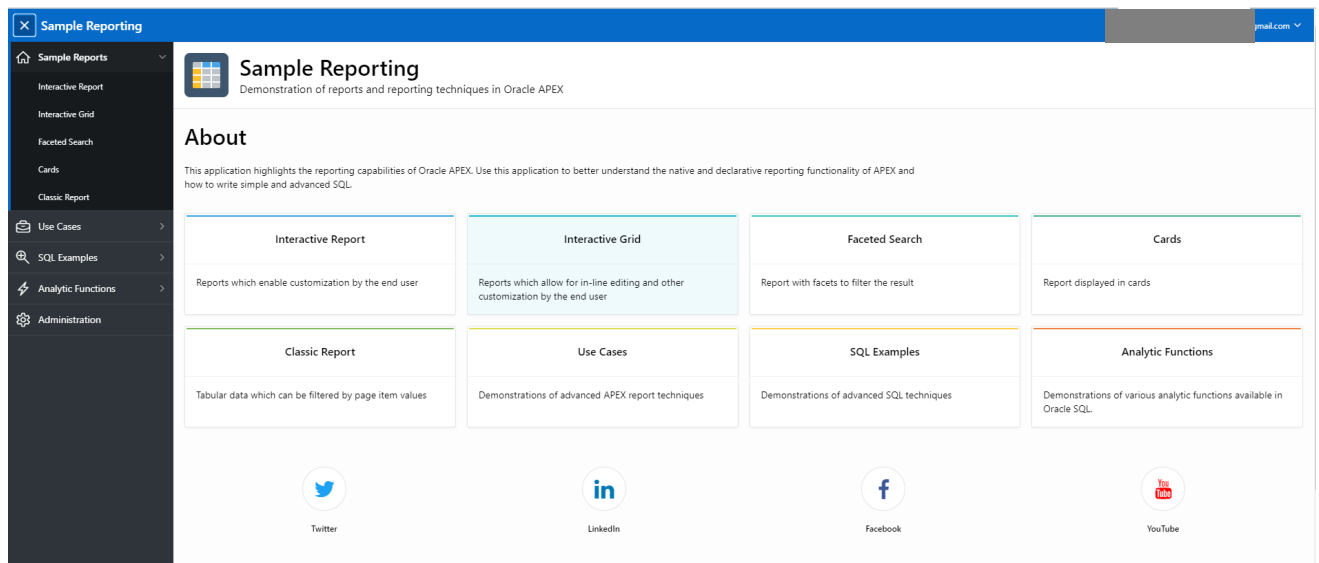
- You can now see that the application is installed. Run the application by selecting **Run Application**.



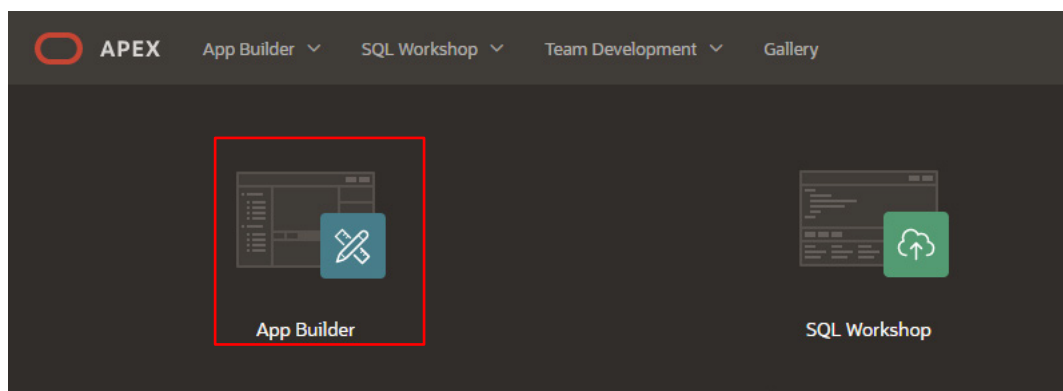
- Log in to the **Sample Reporting** application as an end user.
- Enter your **Username** and **Password** (Same as your Workspace credentials) and click **Sign In**.

A login screen for the 'Sample Reporting' application. It features a blue square icon at the top, followed by the text 'Sample Reporting'. Below this are two input fields: one for 'username' and one for 'password'. At the bottom is a blue button labeled 'Sign In'.

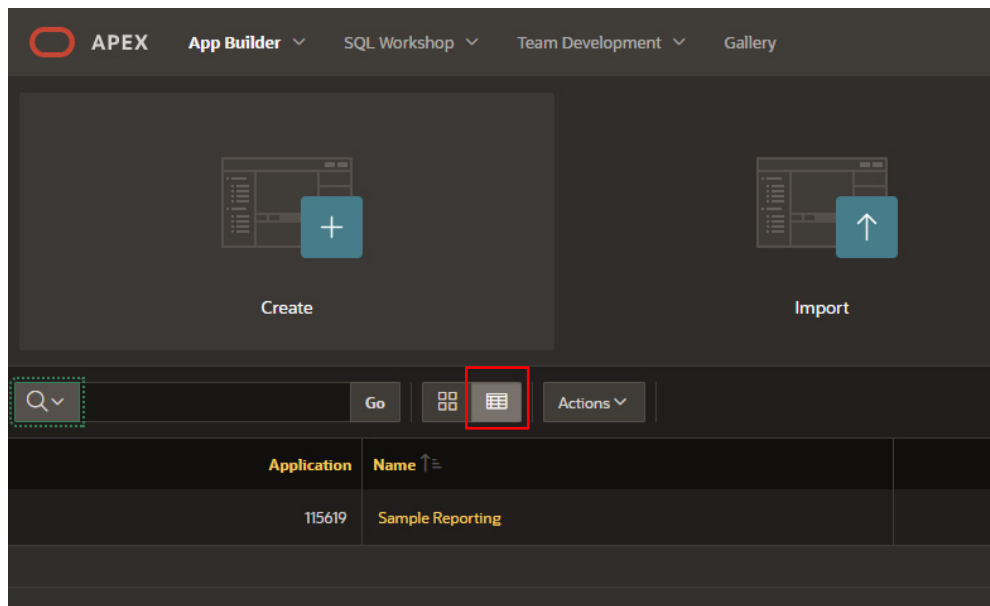
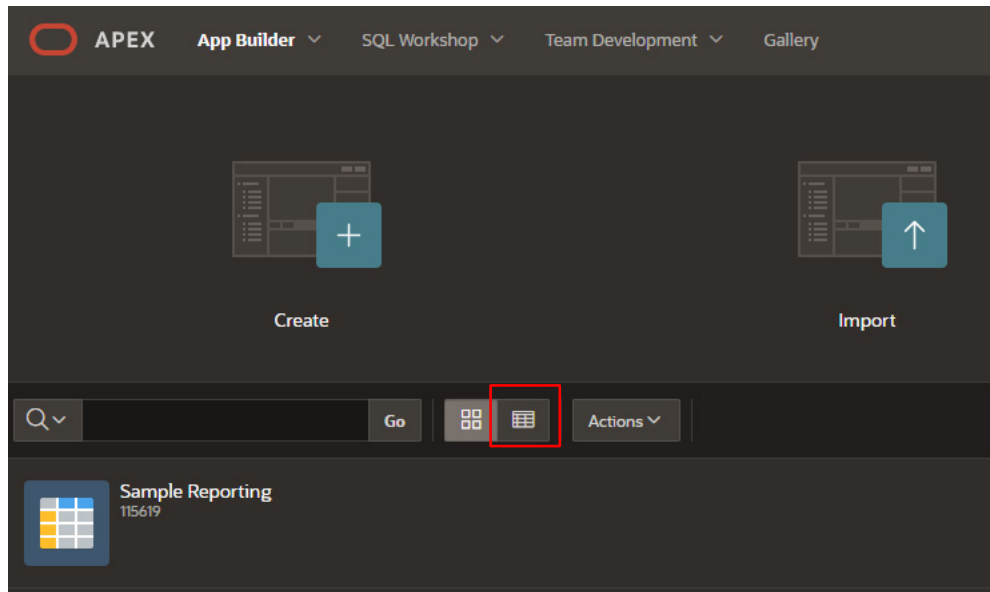
7. You now see the Sample Reporting application home page. In your Runtime environment under **Developer Toolbar**, click **Home** to return to the home page of the APEX development environment.



8. Click **App Builder**.



9. Toggle between the **View Icons** and the **View Reports** buttons. You see that applications are displayed along with their icons and report format.



Summary

You now know how to navigate through the major components of Oracle APEX and install and run a packaged application. You may now **proceed to the next practice**.