Introduction

What is APEX?

Oracle APEX is a feature of Oracle Database, including the Autonomous Data Warehouse (ADW) and Autonomous Transaction Processing (ATP), Autonomous JSON Database (JSON) and APEX Application Development (APEX) services. Oracle APEX is a low-code development environment with various features and tools, where you can create an application fast. In the future, rather than emailing spreadsheets around to gather information, you will know how to easily create an app in minutes using APEX and email the URL instead. The result will be a secure, scalable, mu[livelabs main] that provides a single source-of-truth for your data!

Estimated Time: 45 minutes

Objectives

- Obtain a APEX free development environment
- Build your first app through uploading a Spreadsheet
- Improve the Faceted Search page
- Improve the Interactive Report and form pages
- Add Maps region and install PWA
- Link pages

Creating an App from a Spreadsheet

In this lab, you learn to create an APEX application using the data imported from a spreadsheet. You will learn to import a spreadsheet which consists of a list of High Schools in New York City. Click here to download the spreadsheet for this lab.

Introduction

Now that you are logged into your workspace, you can start creating APEX applications. In this lab, you build a simple application based on a spreadsheet. Keep in mind that APEX is great for a variety of apps, from simple ones like this to large, sophisticated apps based on local database objects, REST enabled SQL objects, and even REST APIs.

While APEX developers spend the majority of their time in the **App Builder**, you should also investigate the following:

- **SQL Workshop**: where you can create and maintain database objects.
- **Team Development**: where you can track large APEX development projects.
- **Gallery**: which contains numerous productivity and sample apps that can be installed within minutes.

livelabs main

Note: The screenshots in this workshop are taken using Dark Mode in APEX 22.1.
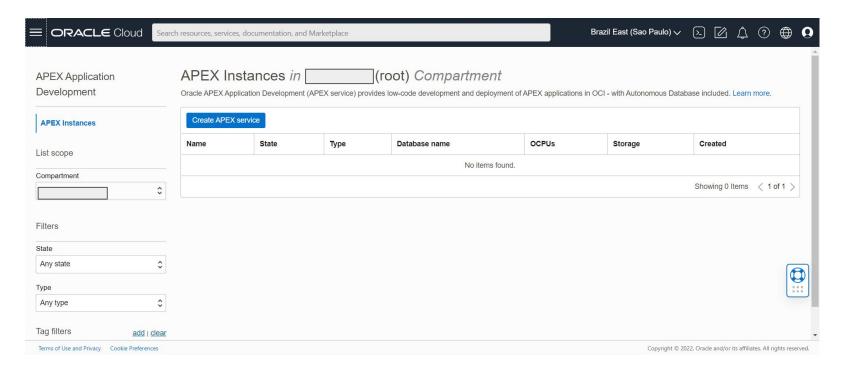
Estimated Time: 5 minutes

[Expand All Tasks]

+ **Task 1**: Loading the Highschool data

+ **Task 2**: Creating an application

Entrar na conta Oracle Cloud, selecionar Developer Services > APEX Instances

Clicar em Create APEX service

- Criando o APEX Service

-- Display name: WorkshopCloudGirls

-- Database name: WorkshopCloudGirls

-- Always free

-- Database version: 19c

-- OCPU count: 1

-- Storage(tb): 0.02

-- Username: ADMIN

-- Password: ******

-- Secure access from everywhere

> Create APEX service

AGUARDAR PELO PROVISIONAMENTO

APEX Application Development » APEX Instances » APEX Instance Details

WorkshopCloudGirls   Always Free

⬚ Launch APEX   ⬚ Launch Database Actions   Start   Restart   More actions ⌄

APEX instance information   Tags

OCID: ...felpoq Show Copy

Compartment: [   ] (root)

Created: Fri, Aug 26, 2022, 13:37:08 UTC

Database: WorkshopCloudGirls ⓘ

Database type: APEX

Database name: WorkshopCloudGirls

Instance type: Free Upgrade instance

OCPU: 1

Storage: 20 GB
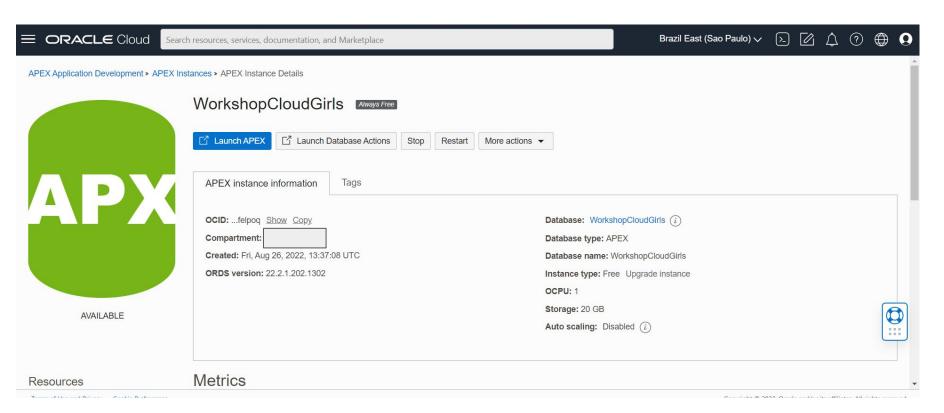
Auto scaling: Disabled ⓘ

PROVISIONING

Resources

Metrics

Clicar em Launch APEX
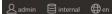
Welcome to Oracle APEX!
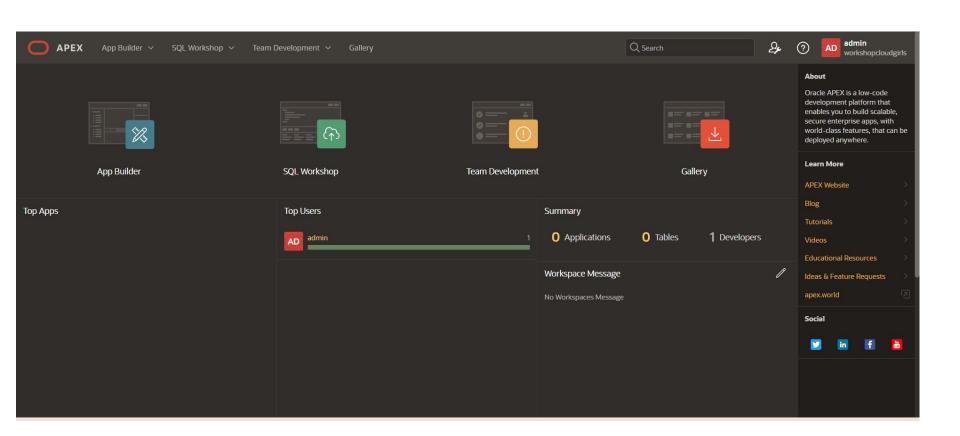
Before you get started, please take a moment to create a workspace. A workspace is a shared work area where multiple developers can build applications.

Once created, sign in to your workspace to begin building applications. Return to Administration Services to create additional workspaces or to manage this Oracle APEX instance.
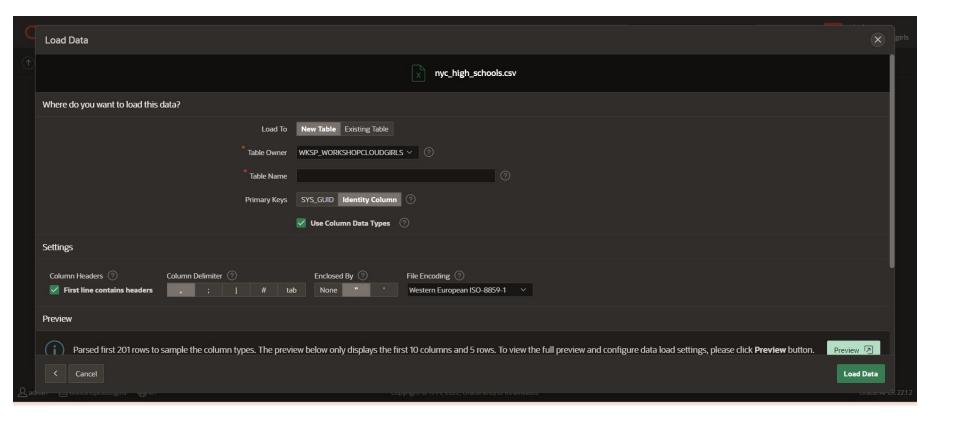
Create Workspace

App Builder ⌄   SQL Workshop ⌄   Team Development ⌄   Gallery

🔍 Search

admin
workshopcloudgirls

About

Oracle APEX is a low-code development platform that enables you to build scalable, secure enterprise apps, with world-class features, that can be deployed anywhere.

App Builder

SQL Workshop

Team Development

Gallery

Learn More

APEX Website ›

Blog ›

Tutorials ›

Videos ›

Educational Resources ›

Ideas & Feature Requests ›

apex.world ↗

Social

Top Apps

Top Users

AD admin   1

Summary

0 Applications   **0** Tables   **1** Developers

Workspace Message ✎

No Workspaces Message

App Builder : Create a New App > From a file > fazer upload da planilha

View table > Create App

View Blueprint

Create an Application

	Name	Appearance	
	Nyc Highschools	Vita, Side Menu	↗

Pages ⍰

	+	Add Page			
		🏠 Home	Blank	Edit	🏠
		⊘ Dashboard	Dashboard	Edit	☰

Cancel   **Create Application**

App Builder ⌄   SQL Workshop ⌄   Team Development ⌄   Gallery

🔍 Search   admin
                   workshopcloudgirls

↑ Application 100

Application 100 - Nyc Highschools   Edit Application Definition

About

Use the Application home page to run, edit, import, export, copy, or delete an application. Select a page to edit the page properties, or click **Create Page** to add a page to the application.

Learn More ...

Run Application

Supporting Objects

Shared Components

Utilities

Export / Import

Tasks

Delete this Application   ›
Copy this Application   ›
Add Feature Page   ›
Manage Backups   ›
Browse by Facets   ›

🔍⌄ [   ] Go   ▦ ▦   Actions ⌄   Create Page ›

Recently Edited Pages

3. Nyc Highschools Search
5. Nyc Highschool
4. Nyc Highschools Report
1. Home

🌐
0 - Global Page

🏠
1 - Home

📊
2 - Dashboard

3 - Nyc Highschools Search

4 - Nyc Highschools Report

5 - Nyc Highschool

🔒
9999 - Login Page

Esta é a aplicação conforme o template. A barra no final da tela permite a edição das páginas.

Nyc Highschools

Nyc Highschools

Dashboard	Nyc Highschools Search	Nyc Highschools Report

⌂ ☑ App 100 ☐ Page 1 ⏱ Session ⬭ ⚙ Debug ⬭ ☖ Quick Edit ⌐ Customize ⓘ ⚙

Esta é a tela que aparece ao clicarmos em Nyc Highschools Search e na opção Page 3, na barra inferior

Componentes da página

Editor de propriedades

Layout e galeria