APEX

Build an Innovative Q&A Interface Powered by Generative AI with Oracle APEX

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Agenda

- Demo

- Request a FREE account

- Build the App!

APEX Certification for FREE

Two courses:

- **Oracle APEX Developer Professional**

- **Oracle APEX: Empowering Low-Code Apps with AI**

Oracle APEX Cloud Developer Professional Certification Exam (1Z0-771)
for free until May 15, 2025!

apex.oracle.com/go/professional-ai-lp

Demo

Requirements for running this Hands-on-Lab

Laptop

apex.oracle.com Workspace

Request a FREE Workspace

1. Navigate to **apex.oracle.com**

2. Click on **Start for Free Today**

3. Click on **Free Sign Up**
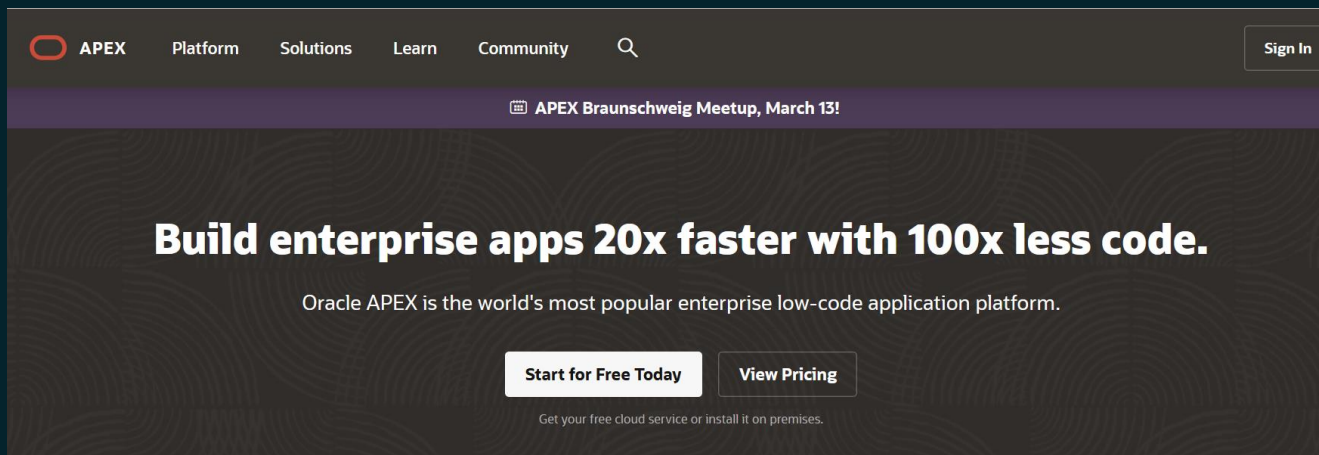
Request a FREE Workspace

4. Enter your information and click on **Request Workspace**

5. Check your mailbox to activate your workspace

Request a FREE Workspace

6. Click on **Create Workspace**
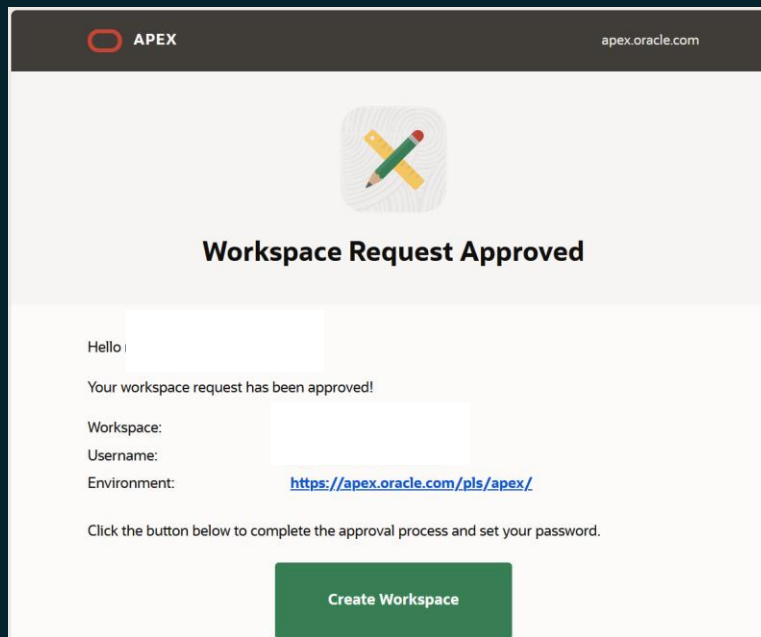
LiveLabs link:

apex.oracle.com/go/apex-world

Download the Excel File

apex.oracle.com/go/nyc-file

Configure the OCI API keys

Download the keys from
apex.oracle.com/go/gen-ai-aw

AI Configurations

AI Configurations centralize key Generative AI settings.

Customizable **System Prompt, Welcome Message**, and **RAG Sources**.

Use it in both the **Show AI Assistant** and **Generate Text with AI** Dynamic Actions

APEX_AI PL/SQL API

Generative AI Configuration

Cancel | Delete | **Apply Changes**

Show All | Identification | Subscription | Generative AI | RAG Sources | Advanced | Comments

Generative AI

Service: OCI Gen AI

System Prompt ⊙

APEX Assistant

```
1   Use the Information provided about the school to answer all questions:
2
3   If the question cannot be answered based on the information provided, say "Sorry, I can't provide an answer to that question based o
```

Welcome Message ⊙

APEX Assistant

```
1   Welcome! What would you like to know about this high school?
```

RAG Sources

Create RAG Source

| Name	Description	Type	Conditional	Updated	Updated By
School Info	Information about the school	SQL Query		6 days ago	MONICA
course		SQL Query	Yes	6 days ago	MONICA
facilities		SQL Query	Yes	6 days ago	MONICA
language		SQL Query	Yes	6 days ago	MONICA

What Is Retrieval-Augmented Generation (RAG)?

RAG provides a way to optimize the output of an LLM with targeted information without modifying the underlying model itself.

Cost-effective

Access to up-to-date information

Domain-Specific Knowledge
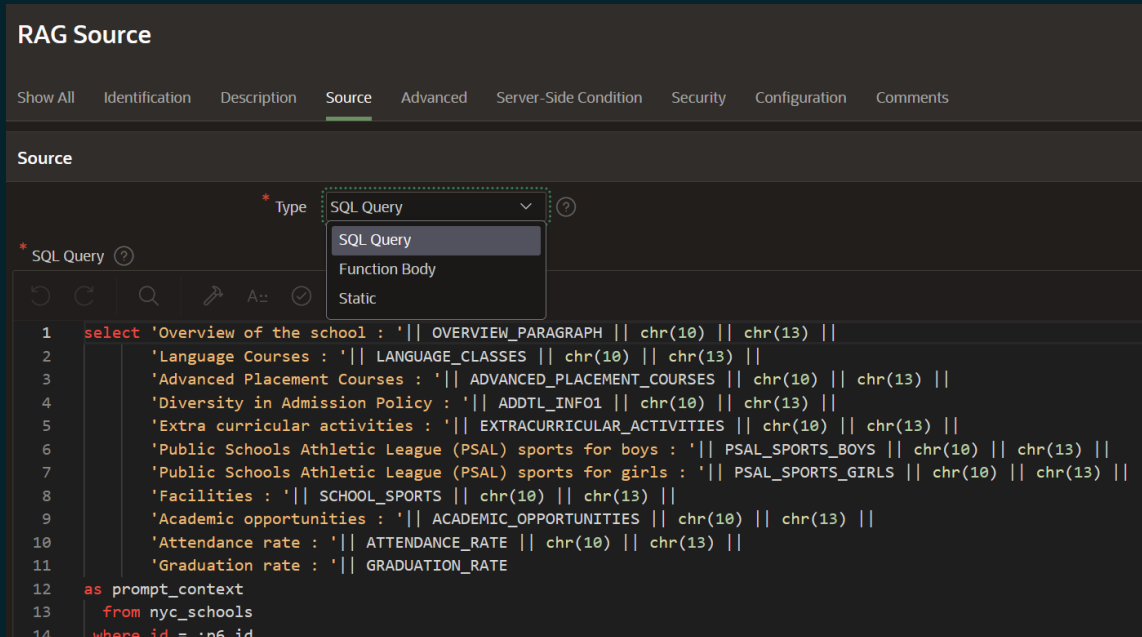
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Thank You!

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Please evaluate the session