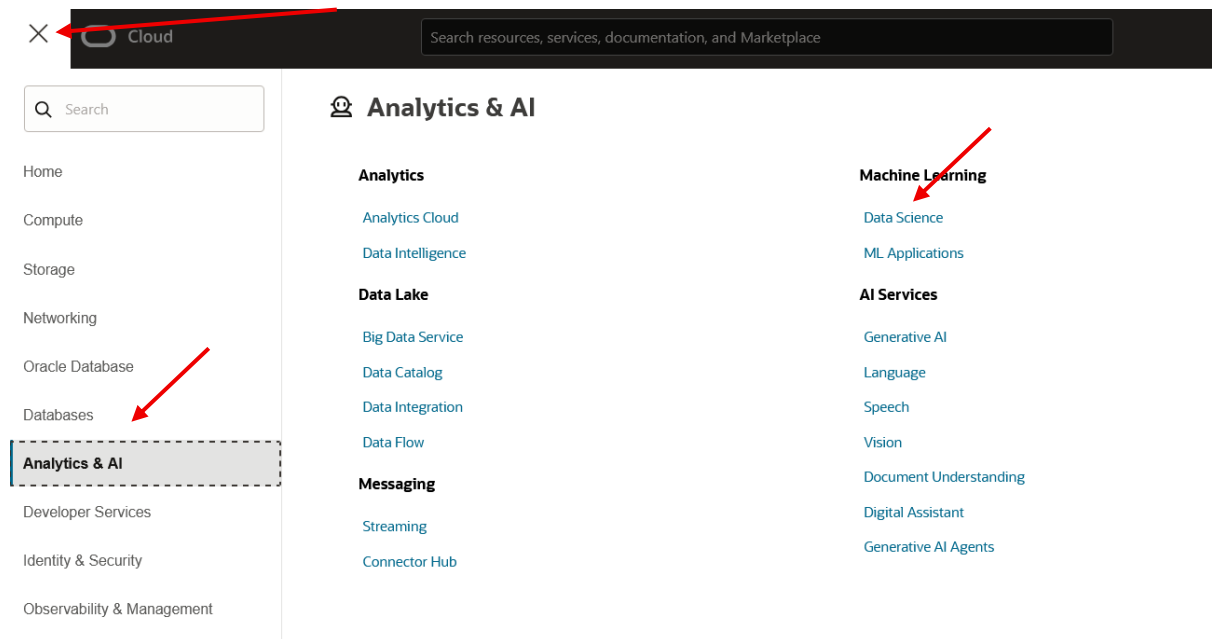


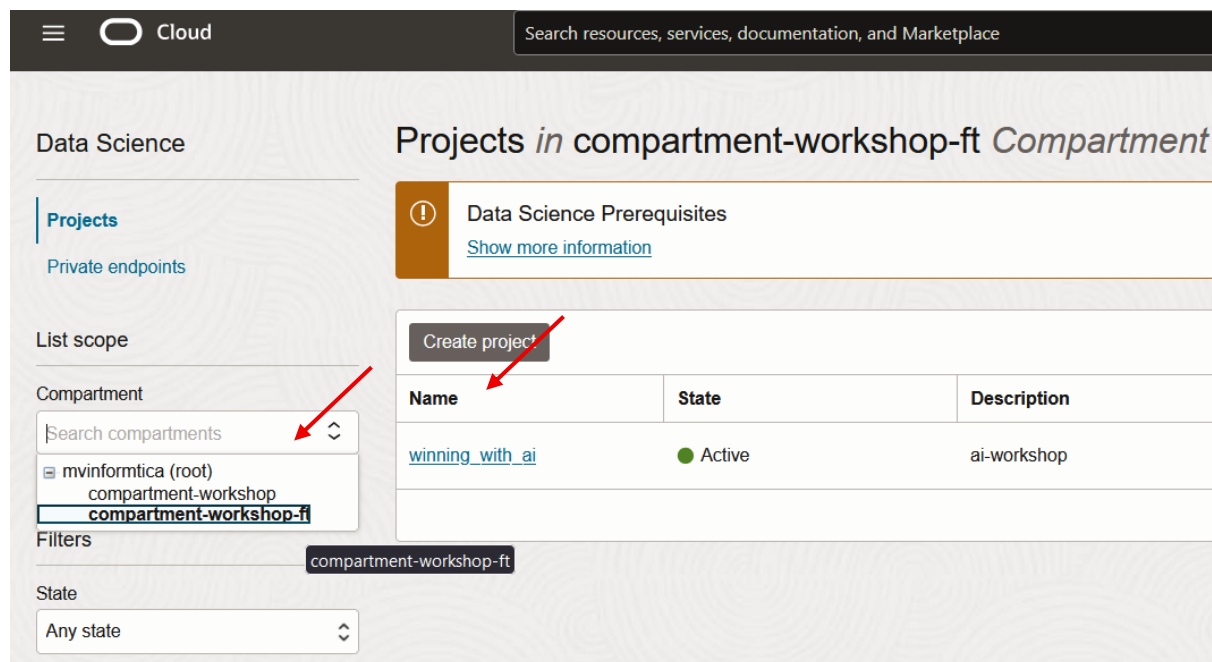
Execução do Script com Agente de RAG – OCI Data Science

Na console da OCI acessar o menu de “Hamburguer”, clicar em “Analytics & AI” e após clicar em “Data Science”:




Na próxima tela escolher em “Compartment” o ‘compartment-workshop-ft’ e após clicar no projeto que irá aparecer chamado “winning_with_ai”:

Em



Então clicar no notebook session que terá um nome parecido com o indicado abaixo:

Data Science » Projects » Project details



ACTIVE

winning_with_ai

Edit Move resource Add tags Delete

Project information

Tags

General information

Description: ai-workshop

Created by: rafael.dias@oracle.com

OCID: ...cyp3lvw4sq [Show](#) [Copy](#)

Created: Mon, May 12, 2025, 18:47:34 UTC

Resources

- Notebook sessions
- Jobs
- Pipelines
- Models

Notebook sessions *in compartment-w*

Create notebook session


Name	State	
datasciencenotebooksession20250512184735	Active	

Na outra tela clicar em “Open”:

Cloud

Search resources, services, documentation, and Marketplace

Data Science » Projects » Project detail : Notebook sessions » Notebook session details



ACTIVE

datasciencenotebooksession20250512184735

Open Edit Deactivate Move resource Add tags More Actions

Notebook session information

Storage mounts Runtime configuration Tags

General Information

OCID: ...g4kxvhua [Show](#) [Copy](#)

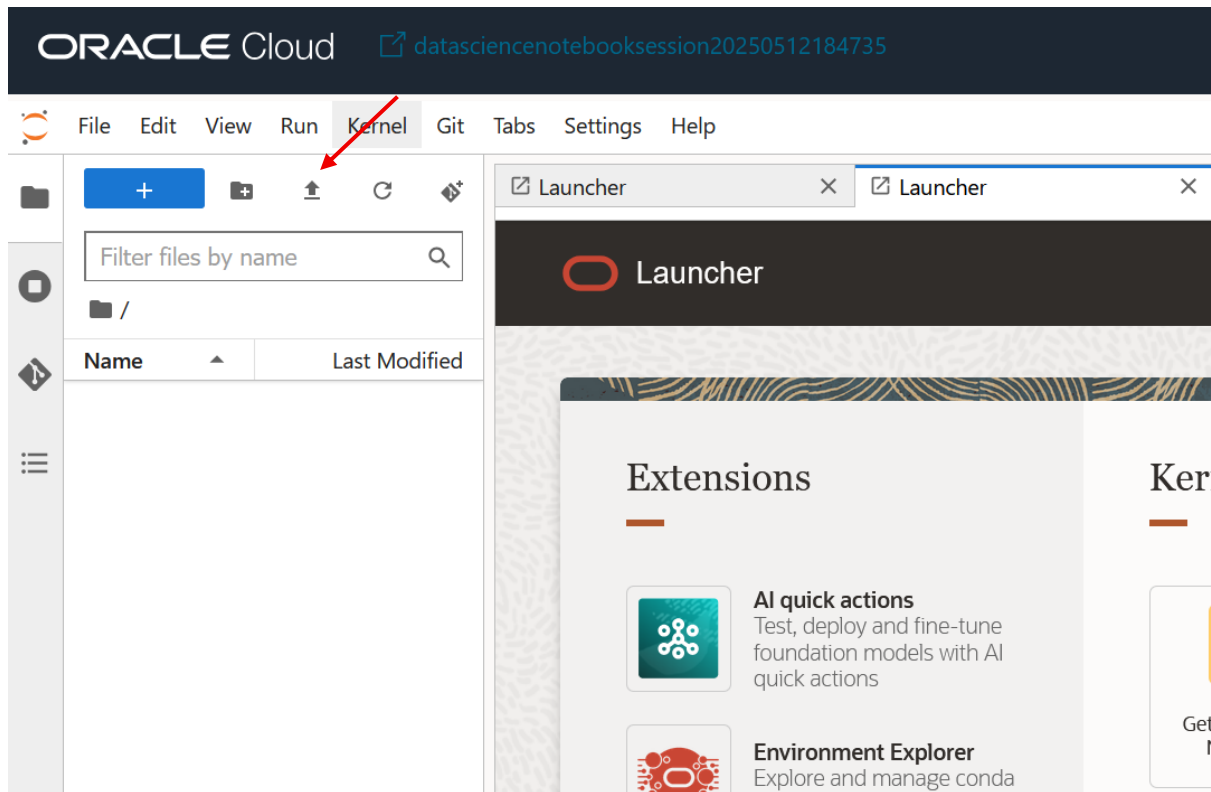
Created on: Mon, May 12, 2025, 18:47:35 UTC

Created by: rafael.dias@oracle.com

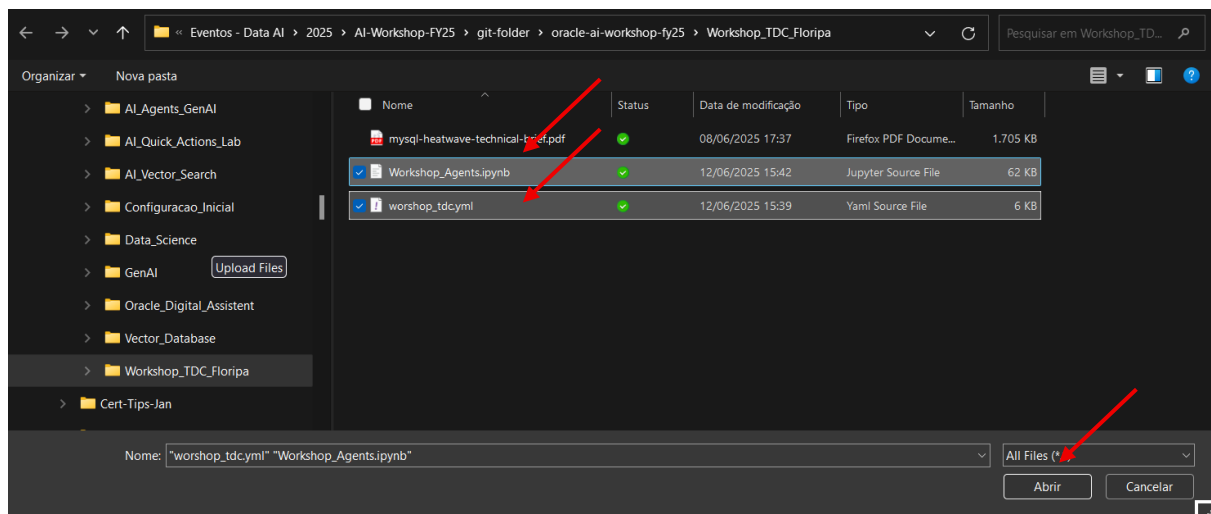
Aqui irá solicitar a autenticação, inserir as informações solicitadas!

Serão necessários baixar mais dois arquivos para finalizar este workshop, primeiro do arquivo “Workshop_Agents.ipynb” no link https://github.com/rafaelrdias/oracle-ai-labs-fy26/blob/main/Workshop_TDC_Floripa/Workshop_Agents.ipynb e o arquivo “worshop_tdc.yml” no link https://github.com/rafaelrdias/oracle-ai-labs-fy26/blob/main/Workshop_TDC_Floripa/worshop_tdc.yml, conforme feito nos passos anteriores.

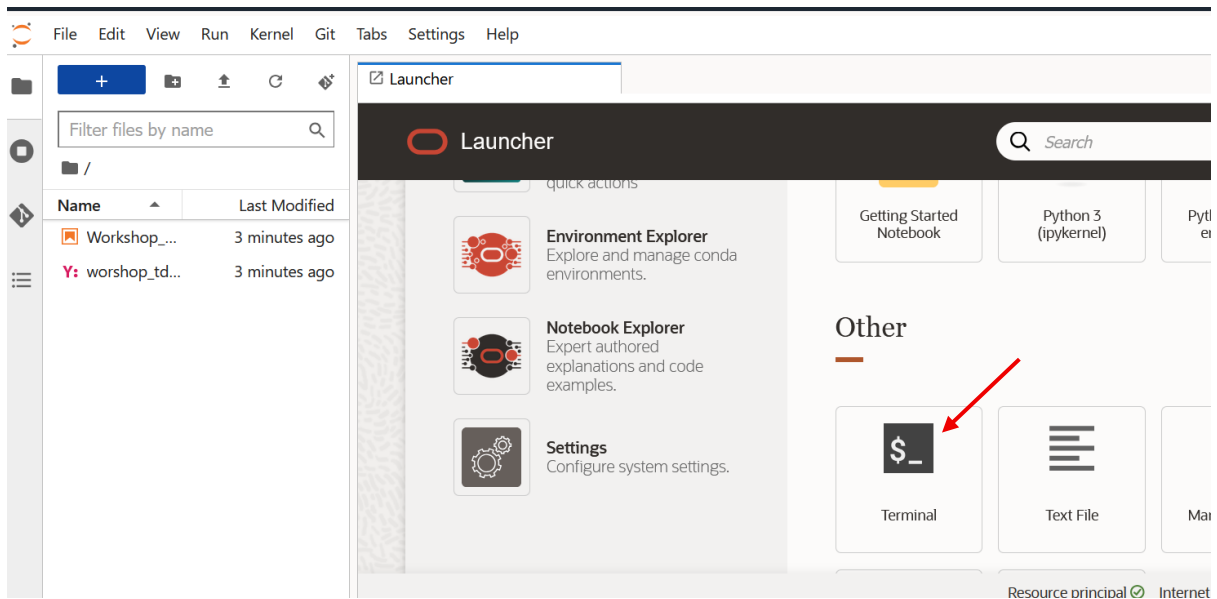
Após subir estes arquivos no notebook session, clicando no botão indicado abaixo:



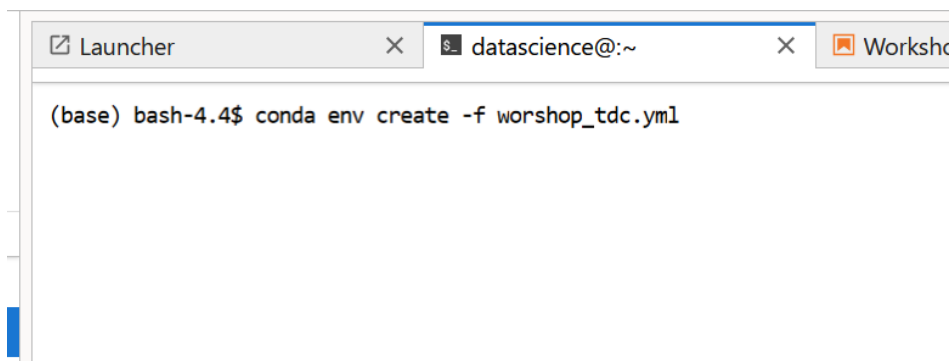
Após procurar e selecionar os arquivos e clicar em abrir:



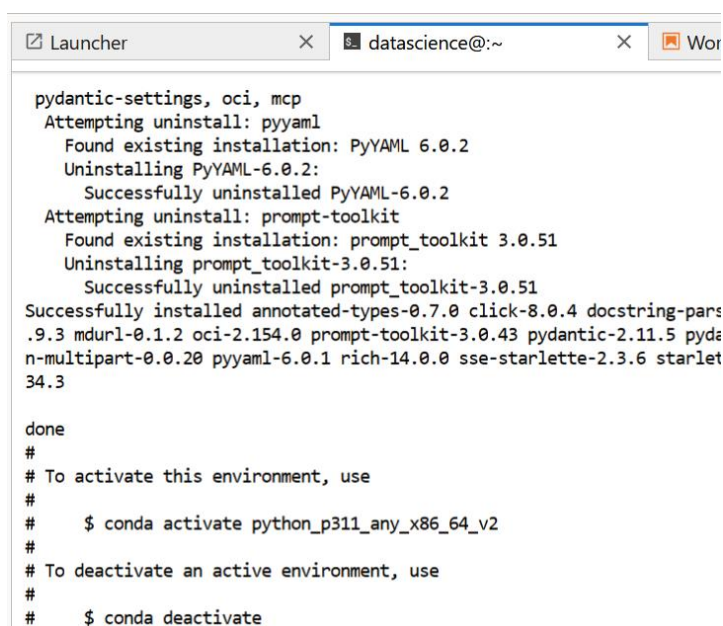
No notebook, clicar na aba “Launcher”, rolar para baixo e clicar em “Terminal”



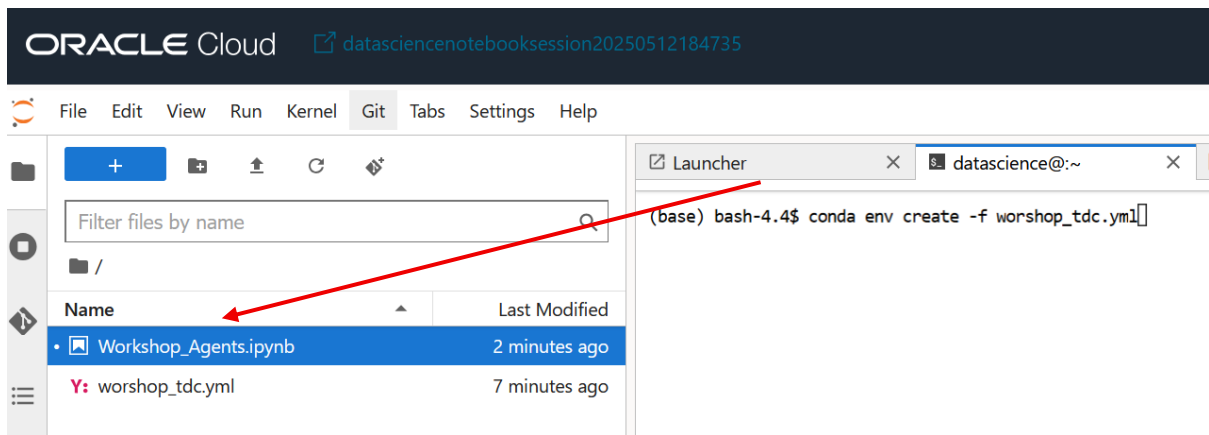
Após isto digitar o comando “conda env create -f worshop_tdc.yml” e pressionar ‘Enter’:



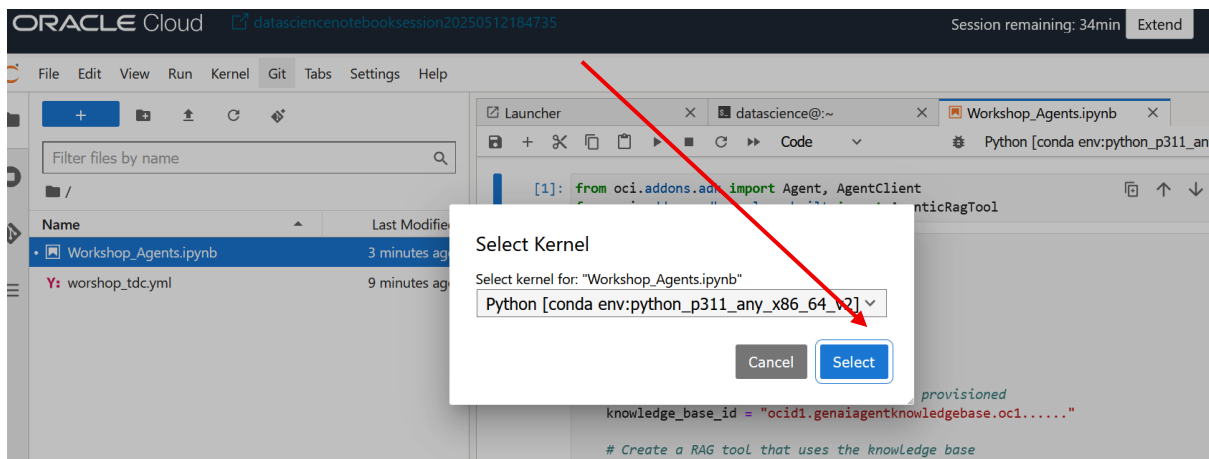
Ao término da instalação do conda environment aparecerá conforme abaixo:



Após isto clicar duas vezes no notebook chamado “Workshop_Agents.ipynb”

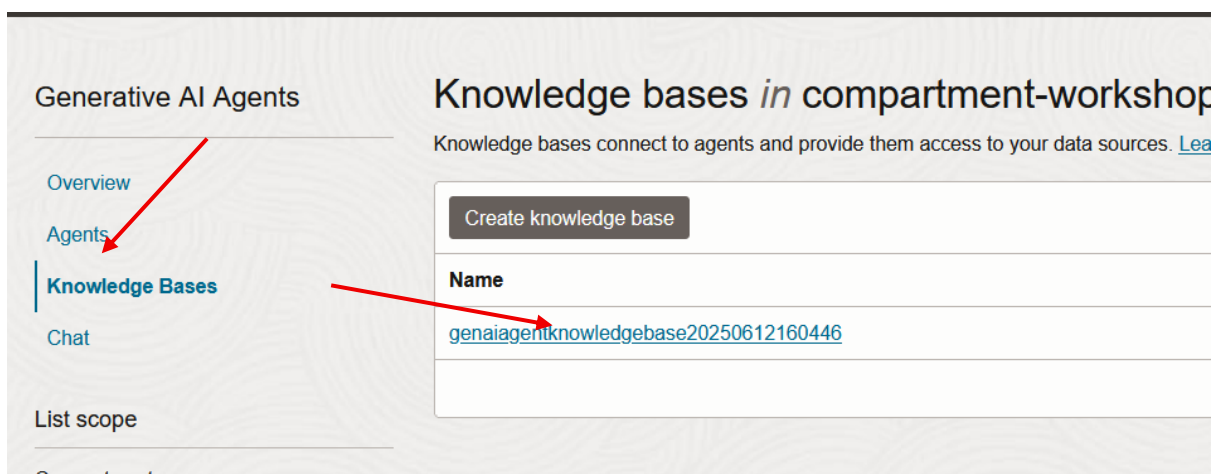


Aparecerá a tela abaixo, clicar em “Select”:



Agora mais dois passos, precisará voltar no serviço de Generative AI (passo 2) e pegar os endpoints.

Primeiro pegar o endpoint da base de conhecimento, clicar em “Knowledge Bases” e depois na base de conhecimento:



Na outra tela clicar em “Copy”:

Cloud

Search resources, services, documentation, and Marketplace

Knowledge bases » genaiagentknowledgebase20250612160446

genaiagentknowledgebase20250612160446

ACTIVE

Edit Move resource Add tags Delete

Knowledge base information

General

Name: genaiagentknowledgebase20250612160446

Description:

OCID: ...jmbncl5mq [Show](#) [Copy](#)

Compartment: ...jp47eai2cq [Show](#) [Copy](#)

Created by: default/rafael.dias@oracle.com

Time created: Thu, 12 Jun 2025 16:04:46 GMT

Resources Data sources

Voltar no código e colar em “knowledge_base_id”:

ORACLE Cloud [datasciencenotebooksession20250512184735](#) Session remaining: 28min [Extend](#)

File Edit View Run Kernel Git Tabs Settings Help

Filter files by name

Name	Last Modified
Workshop_Agents.ipynb	10 minutes ago
workshop_tdc.yml	15 minutes ago

```
[1]: from oci.addons.adk import Agent, AgentClient
      from oci.addons.adk.tool.prebuilt import AgenticRagTool

[ ]: def main():

    client = AgentClient(
        auth_type="resource_principal",
        profile="DEFAULT",
        region="sa-saopaulo-1"
    )

    # Assuming the knowledge base is already provisioned
    knowledge_base_id = "ocid1.genaiagentknowledgebase.oc1....."

    # Create a RAG tool that uses the knowledge base
    # The tool name and description are optional, but strongly recommended for LLM to
    rag_tool = AgenticRagTool(
        name="HeatWave RAG tool",
        description="Use esta tool para responder questões sobre o MySQL HeatWave. Se
        knowledge base ids=knowledge base id1.
```

Após retornar na tela de Generative AI Agents e clicar em “Agents” e depois em “workshop_tdc_floripa”:

Generative AI Agents

Overview
Agents
Knowledge Bases
Chat

List scope

Compartment

Agents *in latinoamericaai (root) Compartment*

Generative AI agents connect to your data sources, retrieve data, and augment model responses [more about working with agents](#).

Create agent

Name	Lifecycle state
workshop_tdc_floripa	● Active

Na próxima tela clicar no nome do endpoint:

ACTIVE

Name: workshop_tdc_floripa

Description: Responderá informações sobre MySQL HeatWave

OCID: ...6dm7dqncsq [Show](#) [Copy](#)

Welcome message: Pergunte sobre o HeatWave que te responderei.

Routing instructions:

Resources

Endpoints
Tools
Work requests

List scope

Compartment

Endpoints *in latinoamericaai (root) Compartment*

Create endpoint

Name	Lifecycle state
genaiagentendpoint20250610013052	● Active

E então clicar em “Copy”:

[Agents](#) > [workshop_tdc_floripa](#) > [genaiagentendpoint20250610013052](#)

genaiagentendpoint20250610013052

[Launch chat](#) [Edit](#) [Move resource](#) [Add tags](#) [Delete](#)

Endpoint information [Tags](#)

Name: [genaiagentendpoint20250610013052](#)

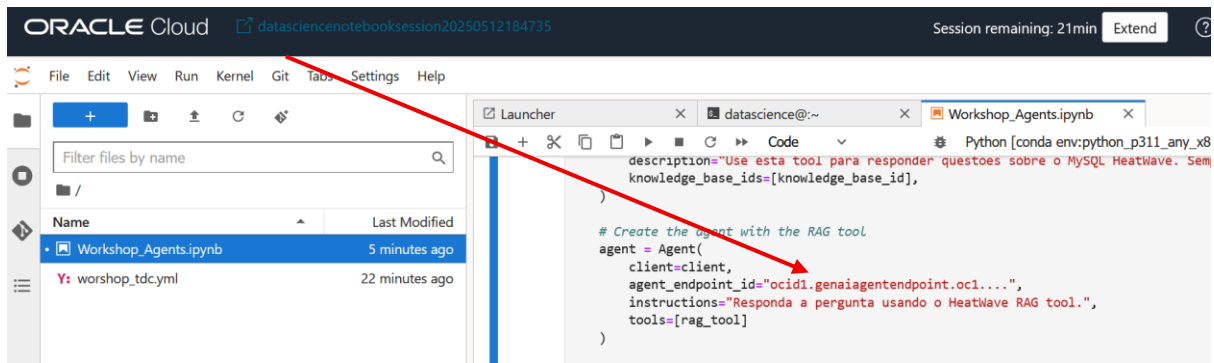
Description: Automatically created agent endpoint

OCID: ...utm7wgyowa [Show](#) [Copy](#)

Compartment: ...72vta3rwna [Show](#) [Copy](#)

Contact moderation mode: [Show](#) [Copy](#)

E após voltar no código e copiar a informação em “agent_endpoint_id”:



Pronto, agora basta executar as células do notebook!

