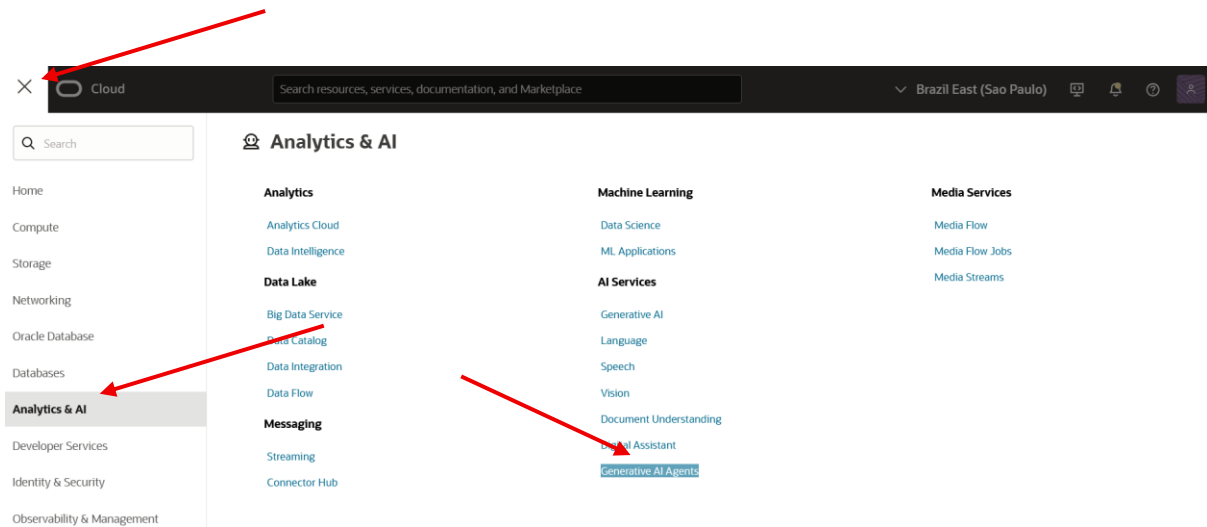
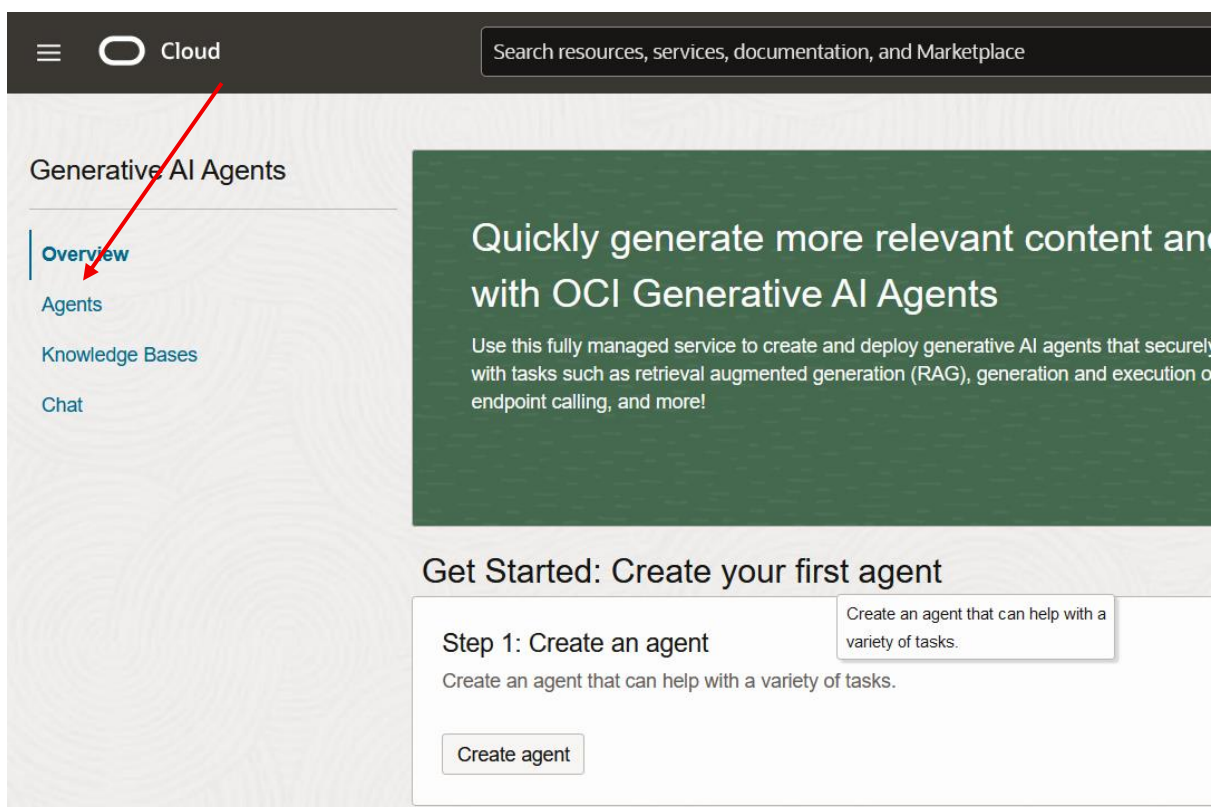


## Criação de Endpoint de Agents e de Base de Conhecimento:

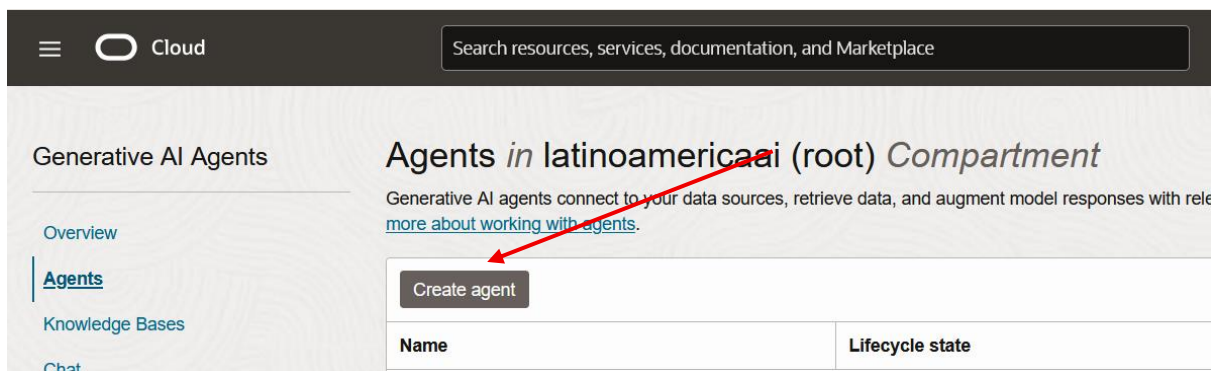
Acessar o Console da OCI, clicar no menu “Hamburguer”, após clicar em “Analytics & AI” e então clicar em “Generative AI Agents”:



Na próxima tela clicar em “Agents”:



Após clicar em “Crate agent”:



Na próxima tela preencher os seguintes campos com as informações abaixo:

“Name”: ‘workshop\_tdc\_floripa’

“Description”: ‘Agente de RAG usando ADK’

“Welcome message”: ‘Qual é a sua pergunta sobre o HeatWave?’

“Routing instructions”: ‘Procure as informações na base de conhecimento!’

E então clicar em “Next”:

### Create agent

- 2 Add tool
- 3 Setup agent endpoint
- 4 Review and create

#### Basic information

Create an agent and optionally add a knowledge base to connect the agent to. You can also add a knowledge base to an existing agent.

Name

Compartment

Description *Optional*

Welcome message *Optional* ⓘ

Routing instructions *Optional* ⓘ

[Cancel](#)

Na próxima tela clicar em “Next”:

# Create agent

- 1 Basic information
- 2 **Add tool**
- 3 Setup agent endpoint
- 4 Review and create

## Tools

Create tools for your agent to use for RAG, client side or server side custom functions, or SQL

Create tool

Name

Tool type

Previous

Next

[Cancel](#)

Na próxima tela, rolar a até o final e clicar novamente em “Next”:

# Create agent

Input

Disable

Does not remove personal data from input.



Block

Helps remove personal data from input (recommended).

Output

Disable

Outputs content with unrestricted data exposure.



Block

Helps remove personal data from responses (recommended).

Previous

Next

[Cancel](#)

E finalmente clicar em “Create Agent”:

## Create agent

**Welcome message:** Qual é a sua pergunta sobre o HeatWave?

**Routing instructions:** Procure as informações na base de conhecimento!

### Setup agent endpoint

**Enable human in the loop:** disable

**Content moderation on input:** disable

**Content moderation on output:** disable

**Prompt injection (PI) protection:** disable

**Personally identifiable information (PII) protection on input:** disable

**Personally identifiable information (PII) protection on output:** disable

[Previous](#) [Next](#) [Create agent](#) [Cancel](#)

Agora é esperar a criação finalizar e aparecer conforme abaixo, **este processo levará até uns 5 minutos:**

Cloud

Search resources, services, documentation, and Marketplace

Agents > workshop\_tdc\_floripa

workshop\_tdc\_floripa

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

Agent information

Tags

**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:**

**Compartment:** ...72vta3nwna

**Created by:** default/rafael.dias

**Time created:** Tue, 10 Jun 2025 14:00:00 UTC

Resources

Endpoints

Tools

Work requests

List scope

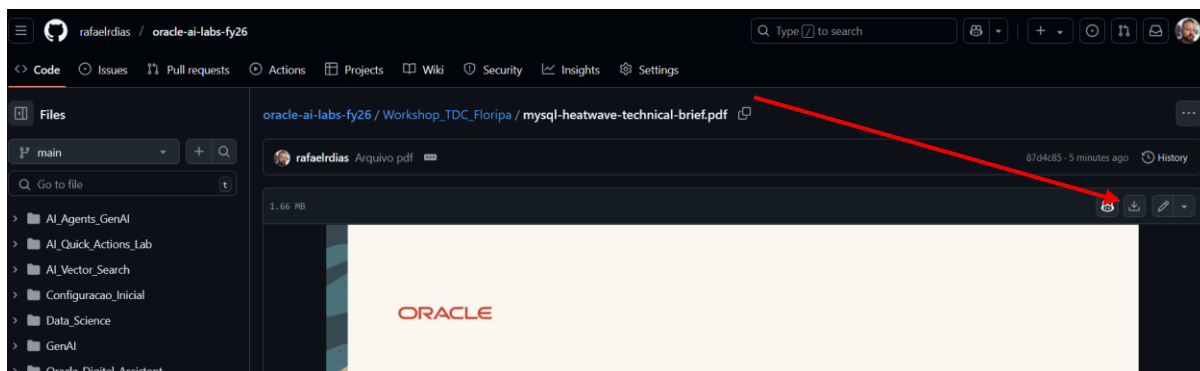
Endpoints *in latinoamericaai (root) Compartment*

[Create endpoint](#)

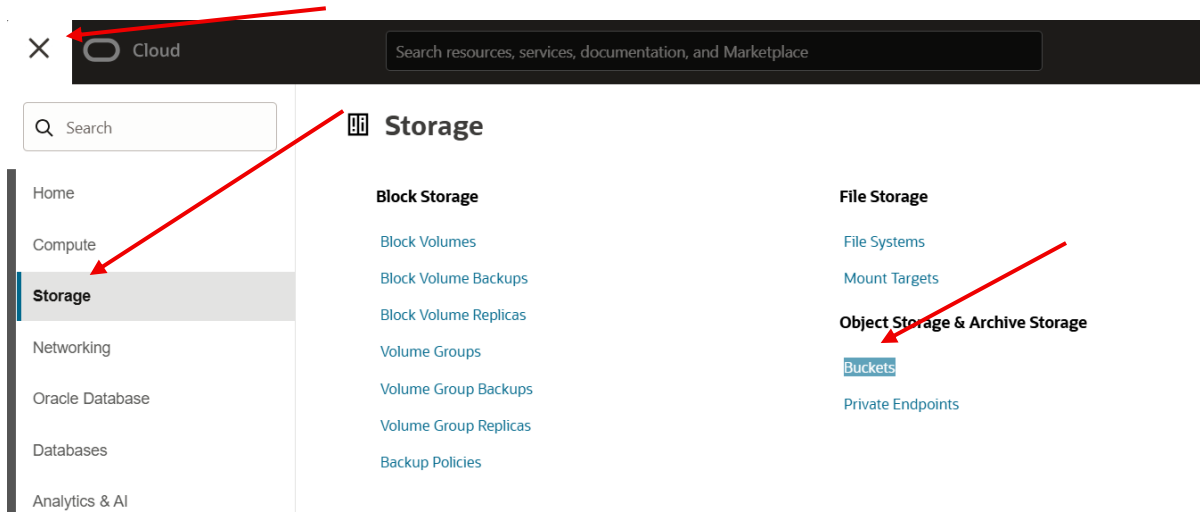
Name	Lifecycle state
<a href="#">genaiagentendpoint20250610013052</a>	Active

## Criação da Base de Conhecimento em Generative AI Agents:

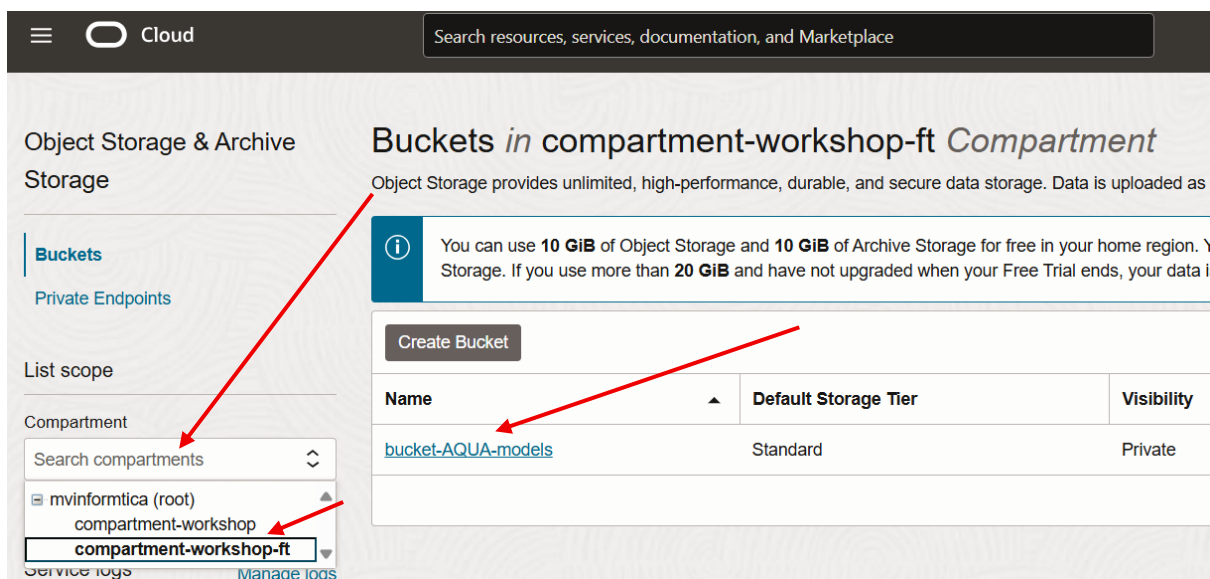
Acessar o link [https://github.com/rafaelrdias/oracle-ai-labs-fy26/blob/main/Workshop\\_TDC\\_Floripa/mysql-heatwave-technical-brief.pdf](https://github.com/rafaelrdias/oracle-ai-labs-fy26/blob/main/Workshop_TDC_Floripa/mysql-heatwave-technical-brief.pdf) e efetuar o download do arquivo “mysql-heatwave-technical-brief.pdf”:



Após acessar a página da console novamente, clicar no menu de “Hamburguer”, em seguida clicar em “Storage” e então em “Buckets”:



Na próxima tela, em “Compartment” clicar em ‘compartment-workshop-ft’, e então clicar em “bucket-AQUA-models”:



Na próxima tela rolar e clicar em “Upload”:

Resources

Objects

Metrics

Namespace: grd3vmrhqbuc

Compartment: [compartment-workshop-ft](#)

Created: Mon, May 12, 2025, 16:58:23 UTC

ETag: a864f567-48c2-42be-b46e-54bb5fa1b190

OCID: ...hkli3rrq [Show](#) [Copy](#)

Usage

Approximate Object Count: 20 versioned objects ⓘ

Approximate Size: 4.1 GiB ⓘ

Uncommitted Multipart Uploads Approximate Count: 0 uploads ⓘ

Uncommitted Multipart Uploads Approximate Size: 0 bytes ⓘ

Default St

Visibility: |

Encryption

Auto-Tieri

Emit Objec

Object Ver

Objects

Upload

More Actions ▾

☐

Name/Version ID

Last Modified

Então clicar em “select files”:

Upload Objects

Object Name Prefix *Optional*

Storage Tier

Standard

Additional checksum *Optional*

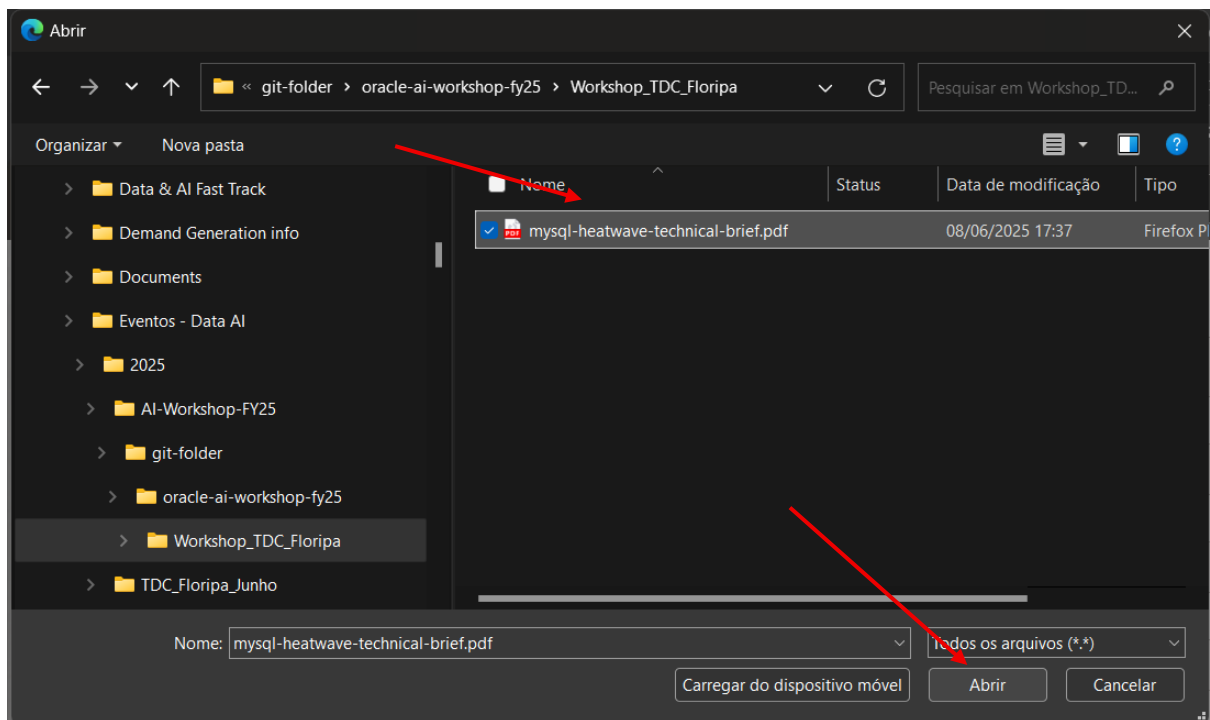
None

Choose Files from your Computer

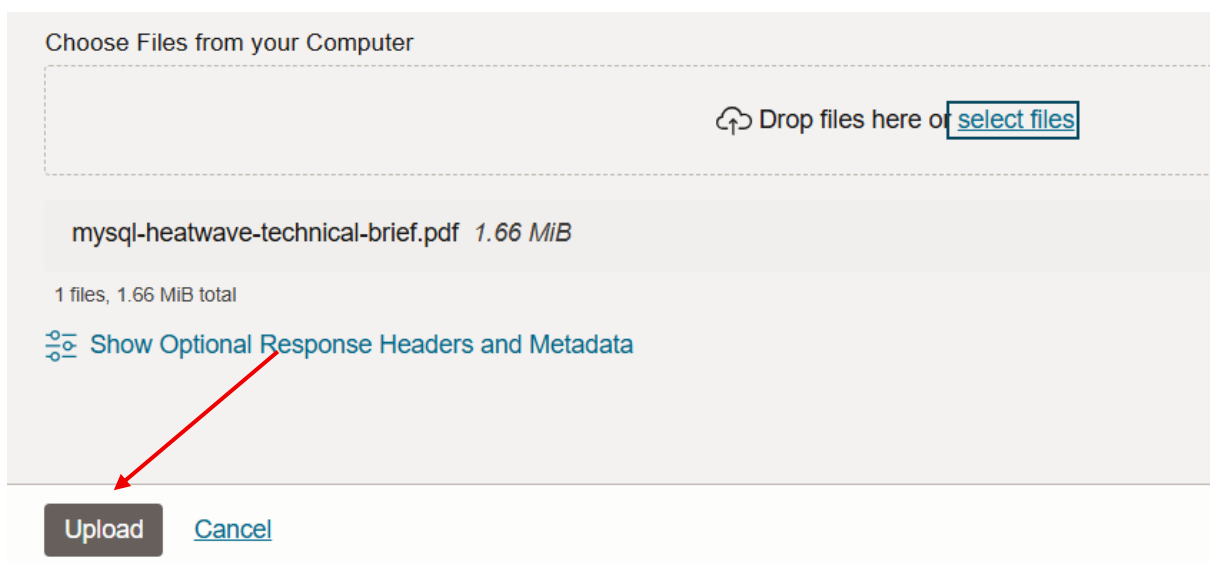
Drop files here or [select files](#)

Show Optional Response Headers and Metadata

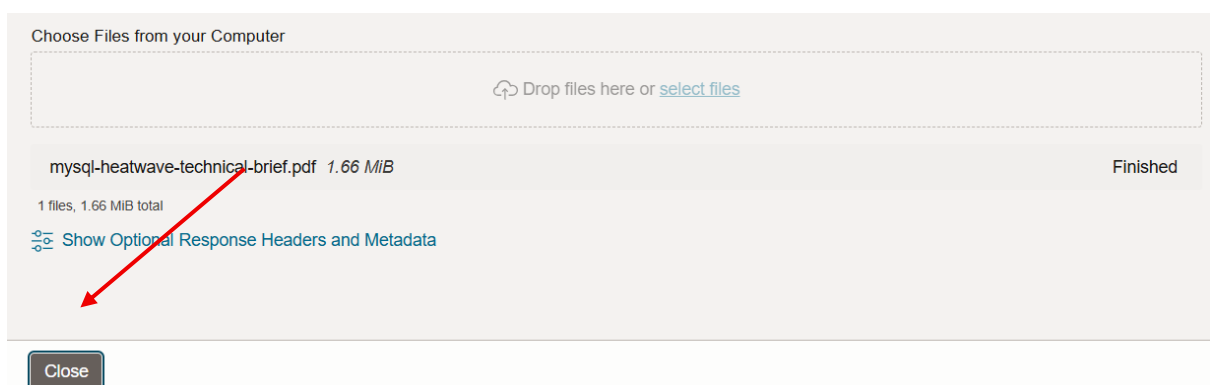
Procurar e seleccionar o arquivo “mysql-heatwave-technical-brief.pdf” e clicar em “Abrir”:



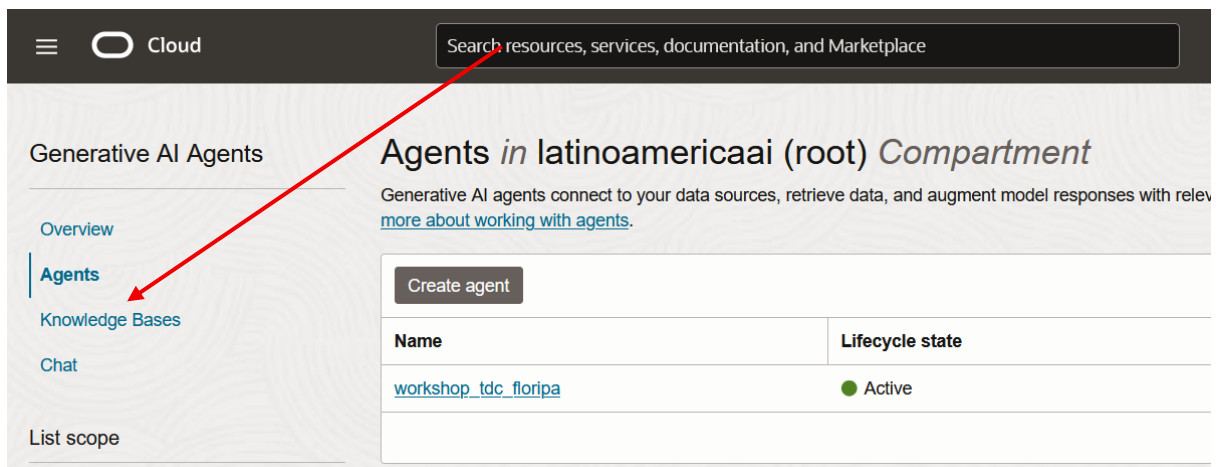
E após clicar “Upload”:



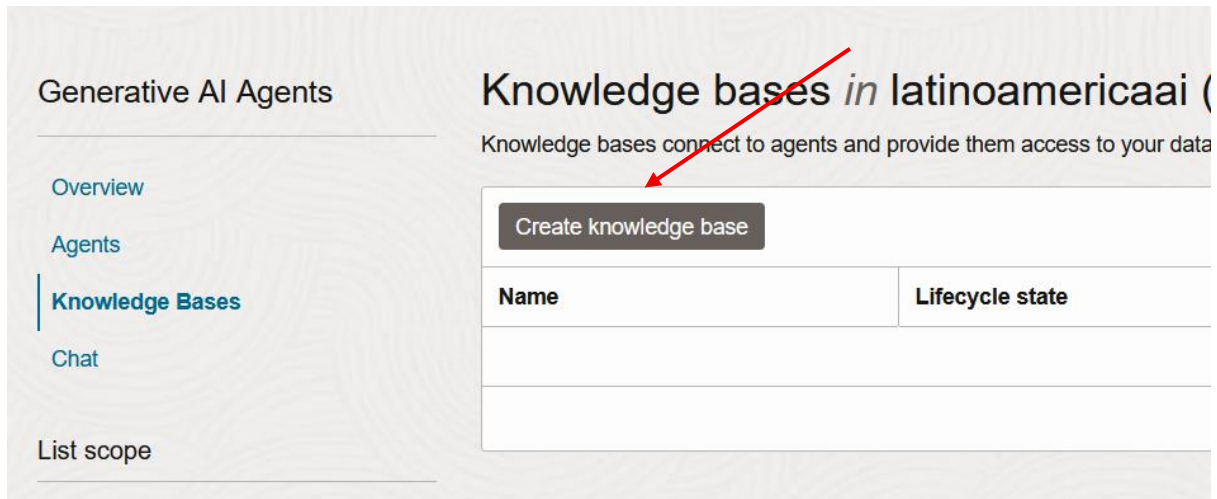
E então em “Close”:



Voltando na tela de Generative AI Agents, clicar em “Knowlegdge Bases”:



Então clicar em “Create knowledge base”:



Na próxima tela preencher o campo name com “heatwave\_info\_base”, e mais abaixo clicar em “Specify data source”:

### New knowledge base

Create a knowledge base that either imports content into a retrieval-augmented generation (RAG) system or uses your own data store.

Name

Compartment

Description *Optional*

Data store type


☒ Enable hybrid search ⓘ

Data sources



Na próxima tela preencher o campo “Name” com heatwave\_pdf e mais abaixo selecionar a opção “Enable multi-modal parsing”:

## Specify data source




Information ingested into the knowledge base is securely stored and used as reference context when the Agent generates responses. The ingestion process does not attempt to identify, filter, or remove personal information from the input.

Name

heatwave\_pdf

Description *Optional*

☒ Enable multi-modal parsing 

Data bucket

Select bucket in **compartment-workshop-ft** [\(Change compartment\)](#)

bucket-AQUA-models

Select directories and/or individual files inside the Object Storage bucket name specified above. Content indexing is supported for the following file types: PDF, TXT

E rolando a página mais para baixo selecionar o arquivo “mysql-heatwave-technical-brief.pdf” e após clicar em “Create”:


## Specify data source

Data bucket

Select bucket in **compartment-workshop-ft** [\(Change compartment\)](#)

bucket-AQUA-models

Select directories and/or individual files inside the Object Storage bucket name specified above. Content indexing is supported for the following file types: PDF, TXT

☐ Select all in bucket 

☒ **Object prefixes**

**Time updated**

☒ mysql-heatwave-technical-brief.pdf

Thu, 12 Jun 2025 15:54:01 GMT

1 selected

Showing 1 item < Page 1 >

Selected object prefixes: mysql-heatwave-technical-brief.pdf

[Add object prefixes manually](#)

[Show loading options](#)

Create

Cancel

Retornará na tela anterior, e então clicar em “Create”:

## New knowledge base

Data store type

Object storage

☒ Enable hybrid search ⓘ

### Data sources

Specify data source

Name

Type

heatwave\_pdf

Object Storage

☒ Automatically start ingestion job for above data sources ⓘ

[Show tagging options](#)

Create

Cancel

Aparecerá a tela conforme abaixo, basta esperar alguns minutos até a criação finalizar:

Search resources, services, documentation, and Marketplace

Brazil East (Sao Paulo)

Knowledge bases in compartment-workshop-ft Compartment

Knowledge bases connect to agents and provide them access to your data sources. [Learn more about working with knowledge bases](#)

Create knowledge base

Name	Lifecycle state	Time created
<a href="#">genaiagentknowledgebase20250612160446</a>	Creating	Thu, 12 Jun 2025 16:04:46 GMT

Showing 1 item < 1 of 1 >

Successfully initiated knowledge base creation

Successfully initiated data source creation

Successfully initiated ingestion job creation