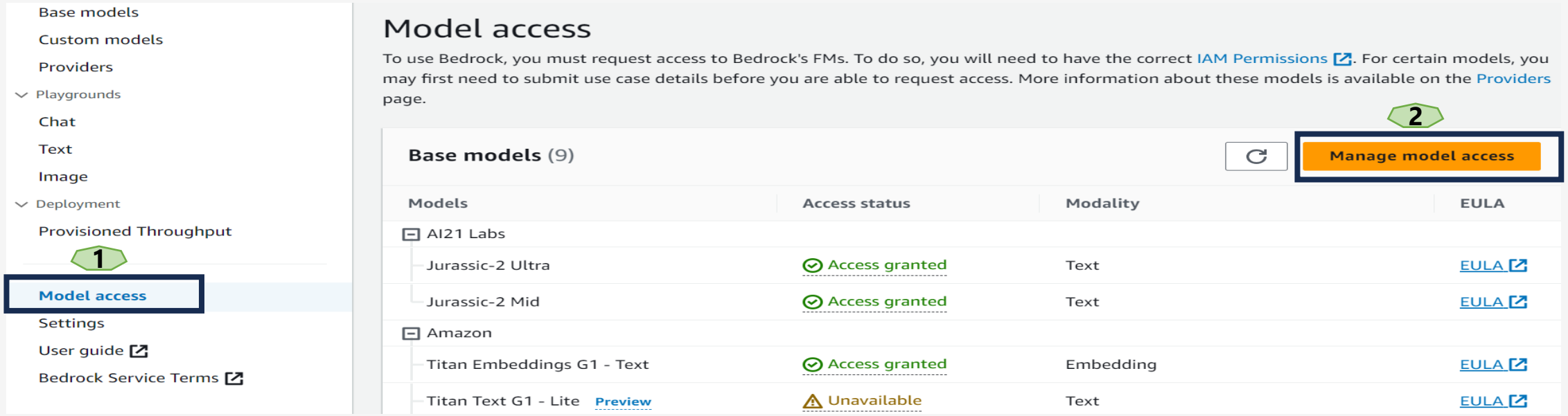
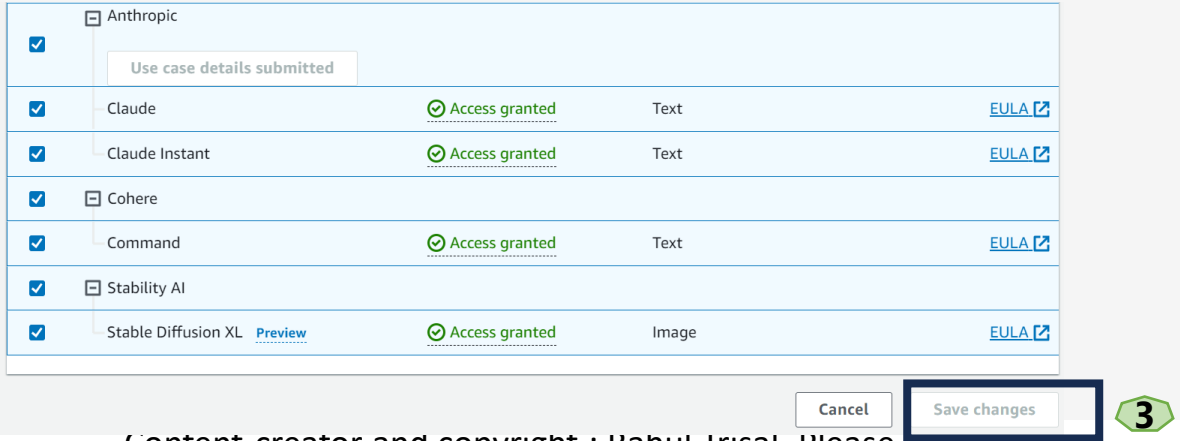
# Udemy Course on Amazon Bedrock & Generative AI Beginner to Advanced

Image Generated using the use case built in this course

# Use Case Implementation Pre-Requisites 1 : Request Access to Models



# Use Case Implementation Pre-Requisites 2 : Upgrade boto3 version

1. Create a AWS Lambda Function – bedrock-boto3Upgrade and add import boto3
2. Check the boto3 version. Should be > 1.28.63
3. Use following command to check version - print(boto3.__version__)
4. Upgrade the boto3 version for AWS Lambda Function using Lambda Layer - https://repost.aws/knowledge-center/lambda-python-runtime-errors
   - Add Layer Version ARN
   - Check the boto3 version. Should be > 1.28.63
5. Code for Bedrock invocation from AWS Lambda Function
   - Link - https://boto3.amazonaws.com/v1/documentation/api/latest/reference/services/bedrock-runtime.html

# Manually create a Lambda layer that uses the latest Boto3 version

1. **Create a lib folder:**

   LIB_DIR=boto3-udemy03/python

   mkdir -p $LIB_DIR

2. **Install the library to LIB_DIR:**

   pip3 install boto3 -t $LIB_DIR

3. **Zip all the dependencies to /tmp/boto3-mylayer.zip:**

   cd boto3-udemy03

   zip -r /tmp/boto3-udemy03.zip .

4. **Publish the layer:**

   aws lambda publish-layer-version --layer-name boto3-udemy03 --zip-file fileb:///tmp/boto3-udemy03.zip