Amazon Bedrock

Let's get cooking this holiday season

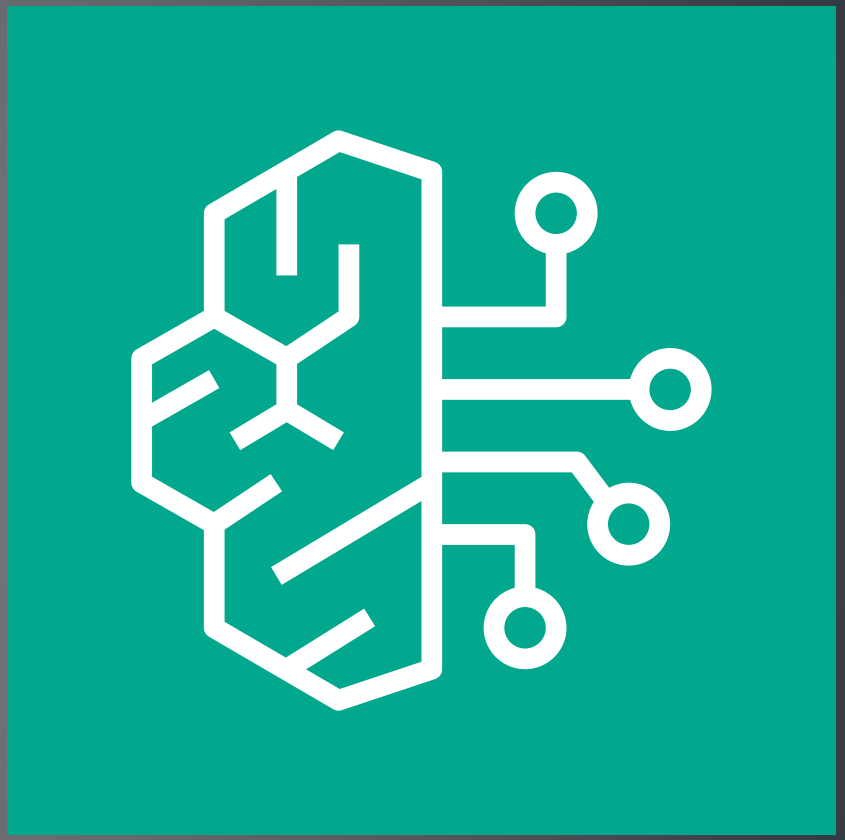
Can cats really skateboard?

Catmantoo

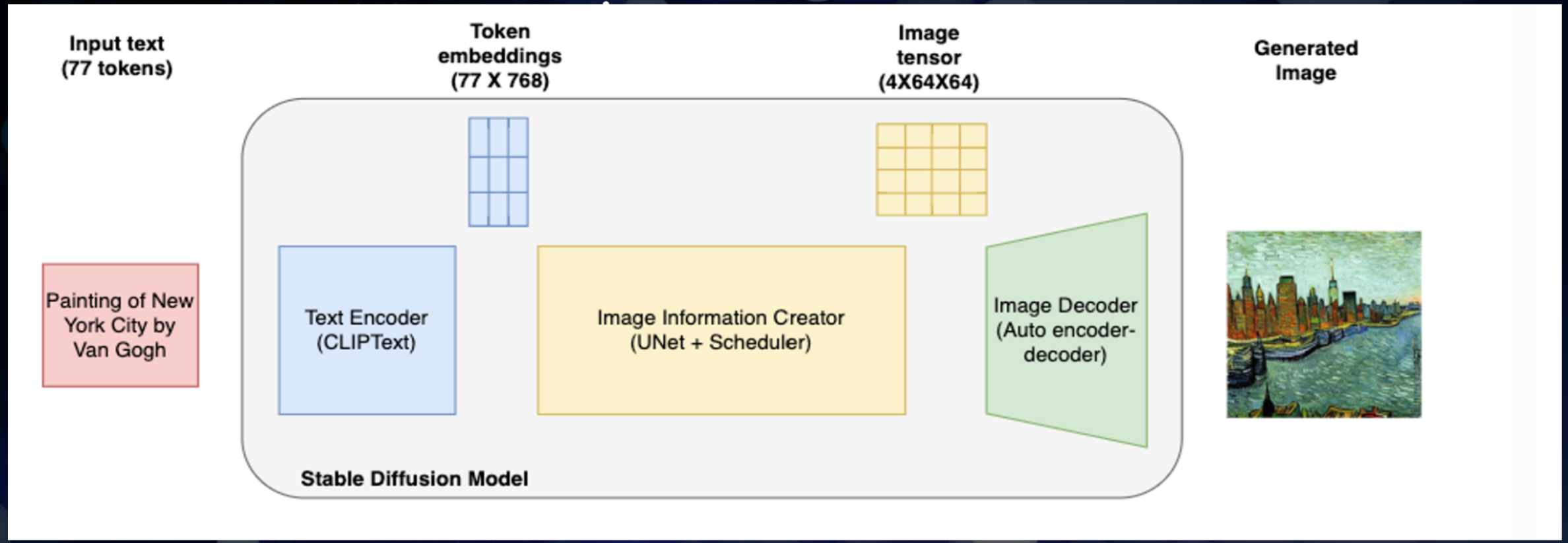
- Didga and Boomer
- Australia's first Cat Lover's Show in 2018
- Youtube
- Sydney Cat Lover's Show in 2023

AMAZON BEDROCK

- Amazon Bedrock is a fully managed service that helps you to build generative AI applications with foundation models from AI leaders
- Image playground
- Model access
- On demand pricing



SOLUTION ARCHITECTURE



Source: [amazon-bedrock-workshop/05_Image/Bedrock Stable Diffusion XL.ipynb at main · aws-samples/amazon-bedrock-workshop (github.com)]

Christmas Party

Party Planning – IMAGE GENERATION

Text

Foundation Model

Inference Configuration Parameters

Generate image

Merry Christmas, cute kitten real life

Stability AI

Prompt strength

Response

Amazon Bedrock

- Stability AI
- Request model – Stable Diffusion XL Preview
- US East
- AWS Management Console

Request Model Access

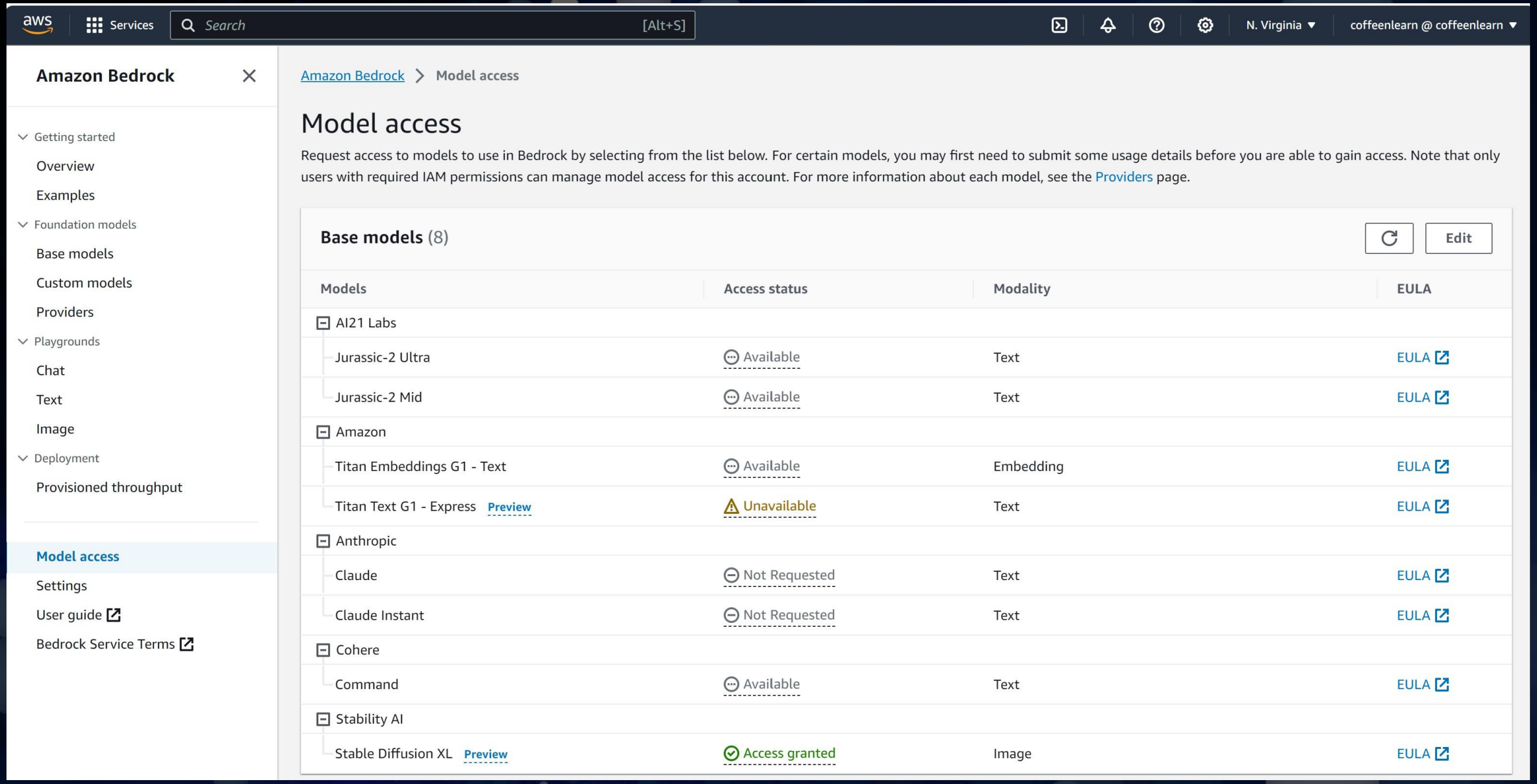


IMAGE PLAYGROUND

aws | Services | Search [Alt+S] | N. Virginia | coffeenlearn @ coffeenlearn

Amazon Bedrock

- Getting started
  - Overview
  - Examples
- Foundation models
  - Base models
  - Custom models
  - Providers
- Playgrounds
  - Chat
  - Text
  - Image
- Deployment
  - Provisioned throughput

- Model access
- Settings
- User guide
- Bedrock Service Terms

Amazon Bedrock > Image playground

Image playground Info

Stability AI | Stable Diffusion XL *v0.8 - preview*

Using on-demand provisioned throughput. Switch provisioned throughput

Prompt

merry christmas cute kitten real life

Response

Inference configuration Info

Reset

Prompt strength 10

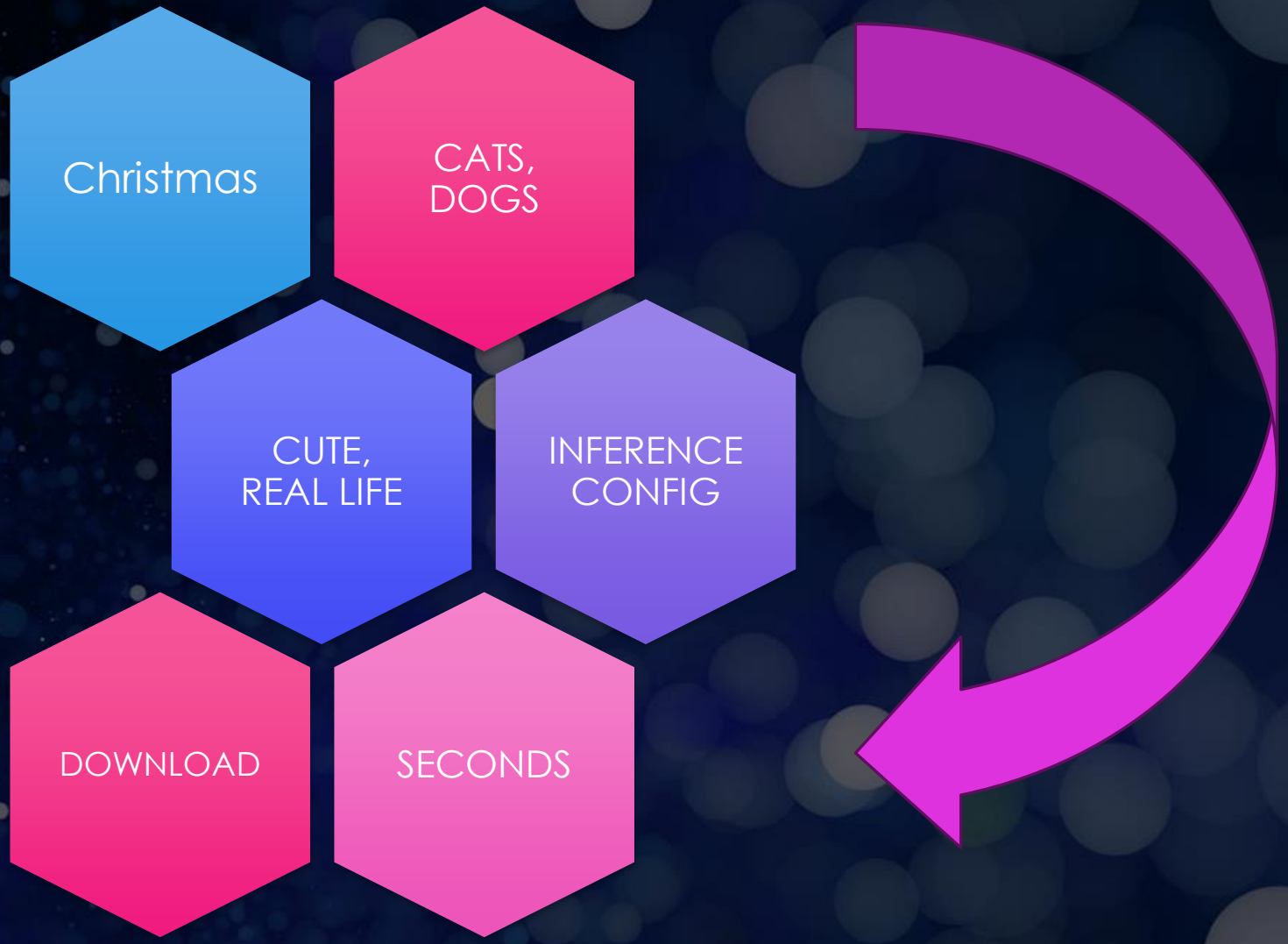
Generation step 50

Seed 0

Run | Download image | View API request | Save

Download and Send

IMAGE GENERATION with STABILITY AI



Australian themes

Sydney Cat Lover's show returning 2024