Student Name

Final Project

ABISHAKE K…

PROJECT TITLE

MAMMAL IMAGE GENERATION USING GEN AI

AGENDA

UNDERSTANDING
IMPLEMENTATION
TRAINING
EVALUATION
VALIDATION

PROBLEM STATEMENT

IMAGE GENERATION OF MAMMALS USING GEN AI

PROJECT OVERVIEW

Create a Diverse Collection of Mammal Images: Utilize various techniques such as traditional illustration, digital art, 3D modeling, and generative adversarial networks (GANs) to generate high-quality images representing a wide range of mammalian species.

WHO ARE THE END USERS?

YOUR SOLUTION AND ITS VALUE PROPOSITION

The solution for image generation of mammals involves a multi-faceted approach combining traditional artistic methods with modern digital techniques. This solution aims to create a diverse collection of mammal images that accurately represent the richness and complexity of the animal kingdom while ensuring ethical considerations in data collection and representation.

THE WOW IN YOUR SOLUTION

Embark on a journey into the heart of the animal kingdom with our groundbreaking solution for mammal image generation. By seamlessly blending cutting-edge technology with artistic flair, we're revolutionizing the way we perceive and interact with wildlife. Get ready to be captivated by the beauty and diversity of mammals like never before!

MODELLING

Teams cam add wireframes

o provide a basic example of image generation of mammals using code, let's create a simple Generative Adversarial Network (GAN) model in Python using the TensorFlow library. This model will generate synthetic images of mammals based on a dataset of real mammal images

RESULTS

By visualizing the generated images, you can assess the quality of the results and make any necessary adjustments to your GAN model or training process to improve the image generation. Keep in mind that training a GAN model might require tuning various hyperparameters and training for a sufficient number of epochs to achieve desirable results

Demo Link