**Outpainting an image**

**Overview**

This project involves outpainting an image, which means extending its borders by adding additional pixels around it. The goal is to add 128 pixels to each side of a 1024x1024 image, making the final size 1280x1280 pixels. The new pixels should seamlessly blend with the original image to create a natural extension.

**Features**

* **Image Extension**: Adds 128 pixels to each side of the original image.
* **Preserved Content**: The original image is centered, and the added pixels should blend naturally.

Libraries such as “numpy” and “pillow” are used in this project.

* **Pillow** is used for opening and saving images.
* **NumPy** is used for handling image data as arrays.

This project involves extending a 1024x1024 image by adding 128 pixels to each side, resulting in a final size of 1280x1280 pixels. The primary objective is to ensure that the new pixels added seamlessly blend with the original image, creating a natural-looking extension. Using Python and libraries such as Pillow and NumPy, the project creates a new canvas, places the original image at the center, and fills the surrounding area to achieve a cohesive and extended image. This approach lays the groundwork for using more advanced techniques or models to refine the outpainting process further.