

## **ASSIGNMENT 5**

### **Task 1: Comparative Research**

Compare at least 2 AI image generators (e.g., DALL·E vs Midjourney). Evaluate them based on:

- Image quality
- Prompt accuracy
- Style flexibility
- Usability
- Licensing & terms

#### **1. Image Quality**

- DALL·E produces images that look real and natural. It is very good for making pictures of real people, objects, or places.
- Midjourney makes images that look beautiful, artistic, and very detailed, almost like a painting or fantasy artwork.

#### **2. Prompt Accuracy (Following instructions)**

- DALL·E follows instructions very carefully. If you say “a red car next to a blue house with a rainbow,” it will try to show exactly that. It also works better when you want text in the image, like a shop name or a label.
- Midjourney also understands prompts, but sometimes it focuses more on making the picture look stylish instead of being 100% accurate.

#### **3. Style Flexibility**

- DALL·E can create images in many styles like cartoons, sketches, 3D renders, and realistic photos. However, it is usually more simple and direct.
- Midjourney is extremely flexible in style. It can make fantasy art, anime, cinematic movie posters, oil paintings, and much more.

#### **4. Usability (Ease of use)**

- DALL·E is very easy to use. It is built into ChatGPT and also available in Bing Image Creator. You just type your prompt and get results. It also has an editing feature (called inpainting) where you can change parts of the image.
- Midjourney works through Discord, which can be confusing for beginners. You have to use commands like `/imagine` and set options. It is powerful but not very beginner- friendly.

## 5. Licensing & Terms

- DALL·E allows you to use the images for personal or business (commercial) purposes. The images belong to the user.
- Midjourney also allows commercial use, but only if you pay for a subscription. Free users (if available) have limited rights and their images are usually public on Discord.

## DALL·E



## Task 2: Visual Design Project

Choose one of the following projects:

- Create a poster for a fictional event or product
- Design a visual story using 3 image prompts
- Generate concept art for an educational topic

Prompt : A colorful and educational illustration showing the life cycle of a butterfly. Include all four stages: **egg on a leaf**, **caterpillar (larva)**, **chrysalis (pupa)**, and **adult butterfly**. Arrange the stages in a circular or sequential layout to clearly show progression. Add simple text labels for each stage: 'Egg', 'Caterpillar', 'Chrysalis', 'Butterfly'. Use a bright, child-friendly, slightly cartoonish style with clear, engaging visuals. Include subtle background details like leaves, flowers, and soft sunlight to make the illustration lively and educational.

