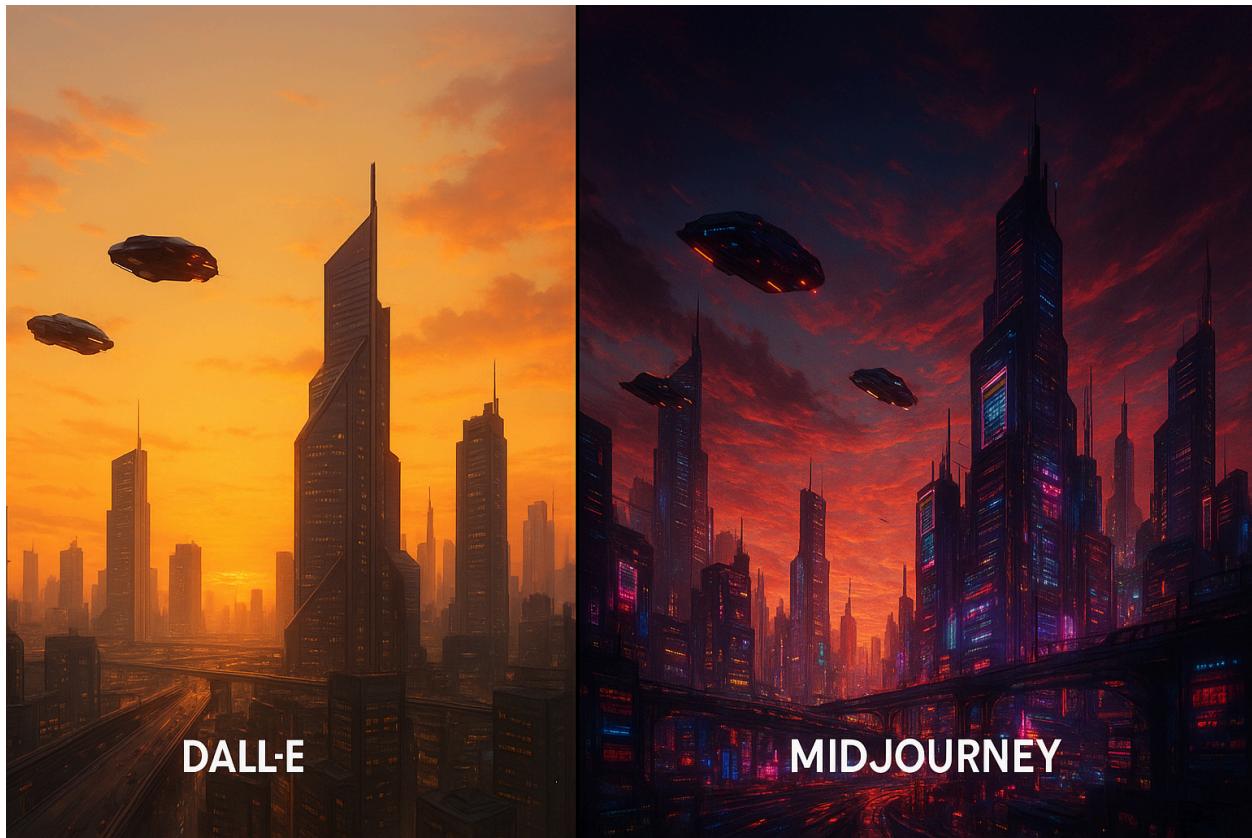


Assignment 05: Assignment and practice of AI Image Generator



Task 1: Comparative Research

Comparative Analysis of DALL·E and Midjourney

Artificial Intelligence (AI) image generators have rapidly evolved, with **DALL·E** (by OpenAI) and **Midjourney** emerging as two of the most widely used platforms. While both transform text prompts into visuals, they differ significantly in output style, usability, and application.

1. Image Quality

- *DALL·E* produces clean, realistic, and detailed images, making it suitable for professional and literal use cases such

as product design and marketing.

- *Midjourney* excels at generating artistic and cinematic images with rich detail and dramatic compositions, often resembling digital concept art.

2. Prompt Accuracy

- *DALL·E* interprets prompts more literally and is strong at generating accurate text within images, precise object counts, and structured layouts.
- *Midjourney* prioritizes visual aesthetics over exact precision, sometimes drifting from the prompt in favor of a more stylized output.

3. Style Flexibility

- *DALL·E* supports different styles (realism, painting, 3D render) but remains more restrained.
- *Midjourney* offers extremely high stylistic flexibility, ranging from surrealism and cyberpunk to anime and fantasy, making it more appealing for creative industries.

4. Usability

- *DALL·E* is integrated into ChatGPT and the OpenAI API, offering a simple and intuitive interface accessible to

beginners.

- *Midjourney* runs through Discord, requiring commands and navigation of chat channels, which may be complex for new users but powerful for advanced creators.

5. Licensing & Terms

- *DALL·E* grants users ownership of generated images with commercial usage rights, under clear OpenAI policies.
- *Midjourney* also allows commercial use for paying subscribers, but images created in free or trial modes are generally public.

Conclusion

Overall, **DALL·E** is best suited for users seeking accuracy, realism, and ease of use, while **Midjourney** is the tool of choice for those prioritizing artistic expression, style diversity, and visually striking imagery. Both are powerful in their own domains, and the choice depends on whether the goal is **precision and realism (DALL·E)** or **creativity and aesthetics (Midjourney)**.



Task 2: Visual Design Project

Poster Title: TechNova 2050 – The Future of AI & Innovation

1. Concept

The poster was designed for a fictional event called *TechNova 2050*, a futuristic conference showcasing advancements in artificial intelligence, robotics, and space innovation. The goal was to create a visually engaging design that captures the imagination of viewers and emphasizes the theme of "Shaping Tomorrow with AI."

2. Design Elements

- **Futuristic Cityscape:** Neon-lit skyscrapers represent progress and innovation.
- **Human-AI Interaction:** People interacting with robots symbolize collaboration between humans and technology.
- **Holographic Head:** Represents the role of AI intelligence shaping future society.
- **Typography:** Bold fonts and glowing text emphasize the event's futuristic tone.

3. Color Palette & Style

- Shades of **blue, purple, and pink neon** were used to create a cyberpunk atmosphere.
- A **cinematic and digital art style** makes the poster visually appealing and modern.

4. Purpose

The poster aims to attract audiences interested in AI, technology, and innovation by visually presenting a futuristic world where human creativity and AI merge.

5. Reflection

Through this design, I explored how AI tools can be used not only for generating ideas but also for creating professional-quality

visuals. This project demonstrates the power of AI image generators in supporting creativity, storytelling, and event branding.

