

Assignment-5 Tasks

Task 1: Comparative Research

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

On:

Example: 'A steampunk city under moonlight with flying airships and glowing lanterns.'

1] DALL.E image:-



2] Midjourney image:-



Image Quality

- **Midjourney**
Often praised for lush, artistic, and visually dramatic outputs. Highly stylized realism with rich textures—excellent for fantasy, concept art, high-impact visuals.
- **DALL·E 3**
Delivers clean, detailed, photorealistic images that align closely with prompt content. Great for precise visuals like product shots or structured scenes.

2. Prompt Accuracy

- **DALL·E 3**
Known for strong semantic understanding and handling complex, nuanced prompts. Built-in editing tools (inpainting, outpainting) help refine output, plus iterative tweaks via ChatGPT chat interface.
- **Midjourney**
Creative but sometimes divergent. Encourages experimental direction—users may need advanced prompt skills and training for consistent results.

3. Style Flexibility

- **Midjourney**
Offers deep stylistic control—parameter adjustments for surrealism, lighting, textures, and custom qualities. Ideal for experimental art.
- **DALL·E 3**
Versatile in mimicking styles but with limited built-in style sliders. Most style variation depends on prompt specificity. Offers image editing features like expanding scenes.

4. Usability

- **DALL·E 3**
Extremely easy to use—integrated into ChatGPT, accessible via web, mobile, or API. Conversational UI makes it intuitive even for beginners.
- **Midjourney**
Historically Discord-based, requiring familiarity with slash commands. A web UI now exists but still less intuitive. Community features add value but come with learning overhead.

5. Licensing & Terms

- **DALL·E 3**
Users retain full rights to their generated images—including commercial use. Enterprise users may receive indemnification. OpenAI encourages use while discouraging misattribution as real photos.
- **Midjourney**
Paid users generally own image rights and can use them commercially. Pro or higher tiers required for companies > \$1M revenue. Free trials often default to non-commercial

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