

Assignment 05

Assignment and practice of AI Image Generator

What are AI Image Generators?

AI image generators are artificial intelligence tools that create images from text prompts or existing visuals. Using deep learning models, especially generative adversarial networks (GANs) or diffusion models, they can produce realistic, artistic, or stylized images. Popular examples include DALL·E, MidJourney, and Stable Diffusion, revolutionizing creativity and digital content creation.

Popular AI Image Tools

- DALL·E (by OpenAI)
- Midjourney
- Stable Diffusion
- Leonardo AI
- Canva AI
- Adobe Firefly

Applications

- Advertising and Marketing
- Book and Game Illustration
- Content Creation
- Branding and Logo Design
- Education and Storytelling

Limitations & Ethical Concerns

- Difficulty with text generation inside images
- Inaccuracy in human anatomy
- Potential misuse in misinformation
- Copyright and bias issues

Task 1 : 1: Comparative Research
Compare at least 2 AI image generators

	DALL·E	MidJourney
Criteria		
Image Quality	Produces clean, realistic, and natural-looking visuals.	Creates highly detailed, stylized, and artistic images.
Prompt Accuracy	Interprets prompts literally, staying close to given instructions.	Adds creative flair, sometimes straying from exact details.
Style Flexibility	Balances realism, abstraction, and illustrations.	Excels in fantasy, surreal, and artistic aesthetics.
Usability	Integrated into ChatGPT; simple and beginner-friendly.	Runs through Discord, which can feel less intuitive for newcomers.
Licensing & Terms	Broad personal and commercial rights available.	Commercial use allowed, but restrictions vary depending on subscription tier.

Task 2 :Create a poster for a fictional event or product

