

Image generation & processing



Image Generation

The API also supports image generation, allowing users to create new images from textual descriptions or modify existing images. This can be used for:

- **Creative Content Creation:** Generating art, illustrations, or design elements based on specific prompts.
- **Image Editing:** Modifying parts of an image according to given instructions.
- **Prototyping:** Quickly visualizing concepts and ideas without the need for manual drawing or design.



Image Analysis

OpenAI's models can analyze images to extract meaningful information, perform object recognition, and even describe the contents of an image in natural language.

- **Object Detection:** Identifying and classifying objects within an image.
- **Image Captioning:** Generating descriptive captions for images.
- **Content Moderation:** Detecting inappropriate or sensitive content in images.



Lego™ set guide

- <https://www.interactivity.nl/bricks/>
- Example of automated product information enhancement improved searchability.
- Produce descriptions based on Lego set images
- Combine it with title, year, etc from database
- Use RAG to find relevant Lego sets
 - ‘Do you have sets on space and space exploration?’
- Retrieve responds and references to the relevant sets
- Link it to Rebrickable (<https://rebrickable.com/>) for more information

