Awesome-GPT-Image-generation

📄 🔍 💡 An extensive repository of tools, research, and resources for leveraging GPT models in image generation tasks.

📣 Latest Updates

- Apr-10-2025: 🎉 *First update!* Add 4 papers and 1 tool.

Table of contents
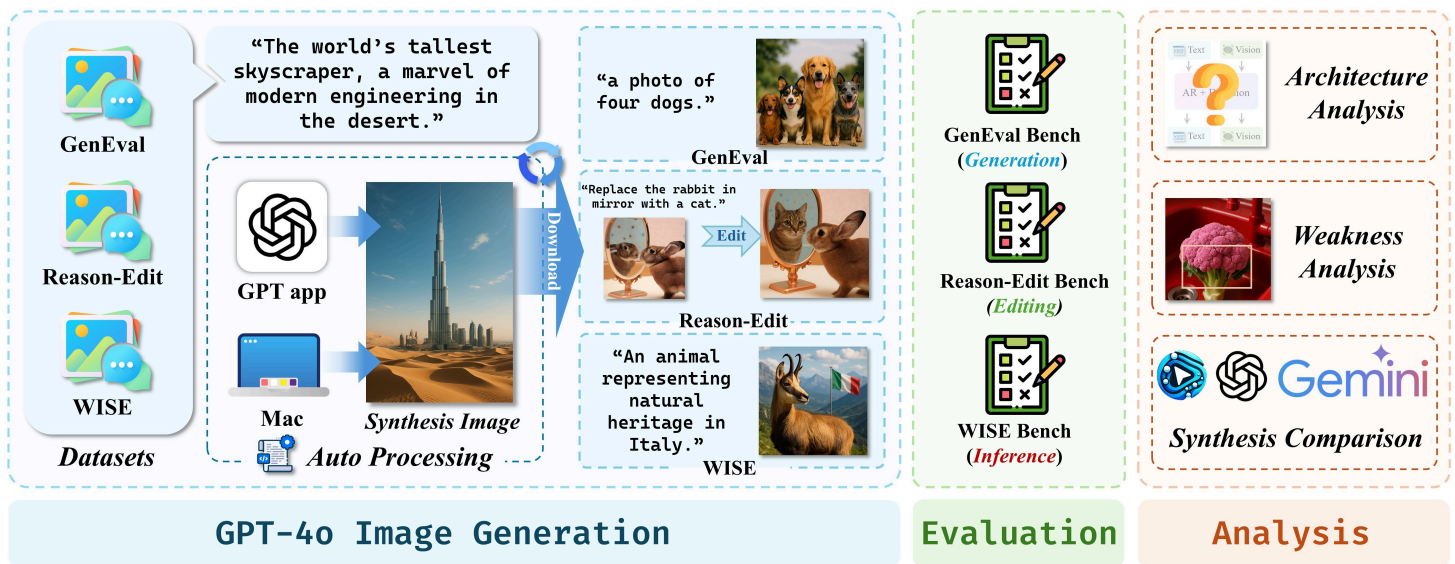
Tools

- Automated GPT-4o Script

Papers

1. GPT-ImgEval: A Comprehensive Benchmark for Diagnosing GPT4o in Image Generation

Authors: Zhiyuan Yan, Junyan Ye, Weijia Li, Zilong Huang, Shenghai Yuan, Xiangyang He, Kaiqing Lin, Jun He, Conghui He, Li Yuan

▶ Abstract
📄 Paper | 🖥️ Code | 📁 Dataset

2. Envisioning Beyond the Pixels: Benchmarking Reasoning-Informed Visual Editing

Authors: Xiangyu Zhao, Peiyuan Zhang, Kexian Tang, Hao Li, Zicheng Zhang, Guangtao Zhai, Junchi Yan, Hua Yang, Xue Yang, Haodong Duan
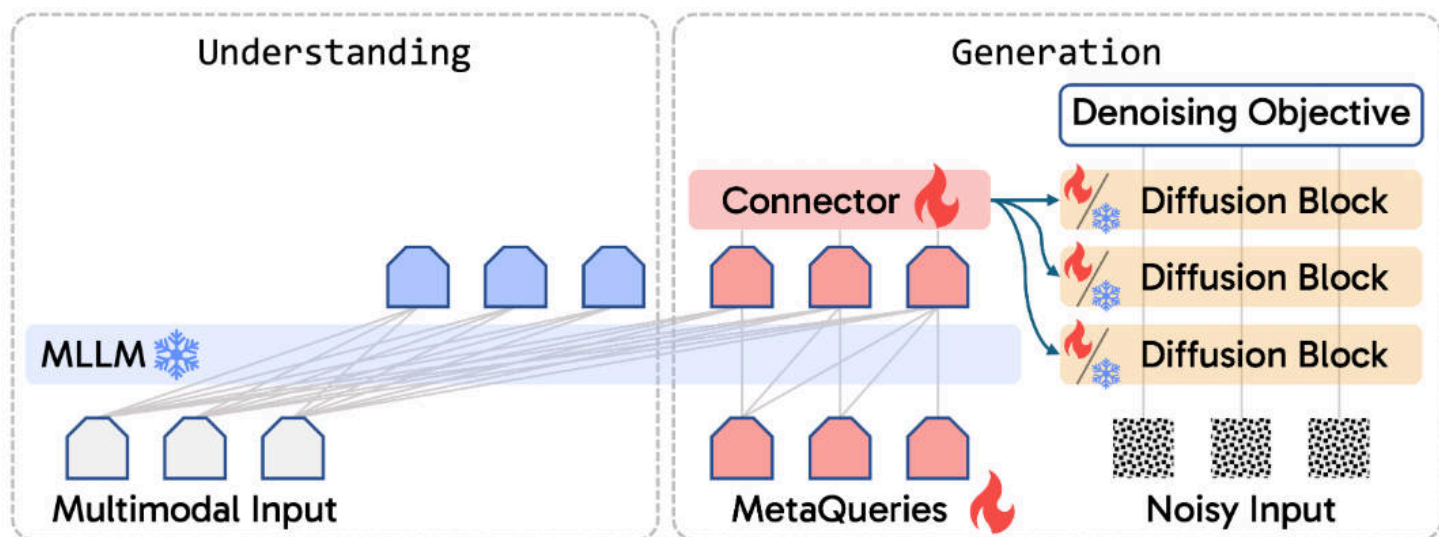
▶ Abstract

📄 Paper | 🖥️ Code | 📁 Dataset

3. Transfer between Modalities with MetaQueries

Authors: Xichen Pan, Satya Narayan Shukla, Aashu Singh, Zhuokai Zhao, Shlok Kumar Mishra, Jialiang Wang, Zhiyang Xu, Jiuhai Chen, Kunpeng Li, Felix Juefei-Xu, Ji Hou, Saining Xie

▶ Abstract

4. An Empirical Study of GPT-4o Image Generation Capabilities

Authors: Sixiang Chen, Jinbin Bai, Zhuoran Zhao, Tian Ye, Qingyu Shi, Donghao Zhou, Wenhao Chai, Xin Lin, Jianzong Wu, Chao Tang, Shilin Xu, Tao Zhang, Haobo Yuan, Yikang Zhou, Wei Chow, Linfeng Li, Xiangtai Li, Lei Zhu, Lu Qi

▶ **Abstract**

📄 Paper