

# What is Auto-GPT? How is it different from ChatGPT?

Auto-GPT, built upon ChatGPT technology, could very well be a truly valuable AI tool. But what is Auto-GPT? How is it different from ChatGPT, and what can you do with it?

Artificial intelligence (AI) is advancing at such a rapid pace that even the most seasoned minds struggle to keep up. Occasionally, a new AI tool emerges. Among these tools, some are fleeting, hyped up and then forgotten, while others retain their true value.

Auto-GPT, built upon ChatGPT technology, is potentially a truly valuable AI tool. But what is Auto-GPT? How is it different from ChatGPT, and what can you do with it?

## What is Auto-GPT?

Auto-GPT is an open-source AI project built on ChatGPT's Generative Pre-training Transformer (GPT). At its core, Auto-GPT provides GPT with the ability to act autonomously without requiring a human agent to prompt it for any action. It's not a new technology and certainly not a new AI chatbot.

Auto-GPT gives GPT autonomous action capabilities. So what makes Auto-GPT different from ChatGPT?

## Applications of Auto-GPT

Auto-GPT can be used in many of the same ways as ChatGPT, but it automates those tasks to achieve them faster. Auto-GPT integrates with the Internet to provide access to real-time data. Some common tasks Auto-GPT can perform include:

1. **Analyze investments** . The model is required to conduct market research and perform sentiment analysis in online conversations to identify smart investments.
2. **Create content** . Requires Auto-GPT to generate articles, blog posts, and social media posts. Generate leads. Prompt models to help research new leads and sales prospects.
3. **Create a business plan** . Request a model that helps grow your business, and it will provide a plan to achieve that.
4. **Automated product evaluation** . Requires a model for researching new products, providing sources, and writing reviews for those products.
5. **Create a podcast** . The tutorial requires you to create a podcast outline by researching and formulating questions for the host.

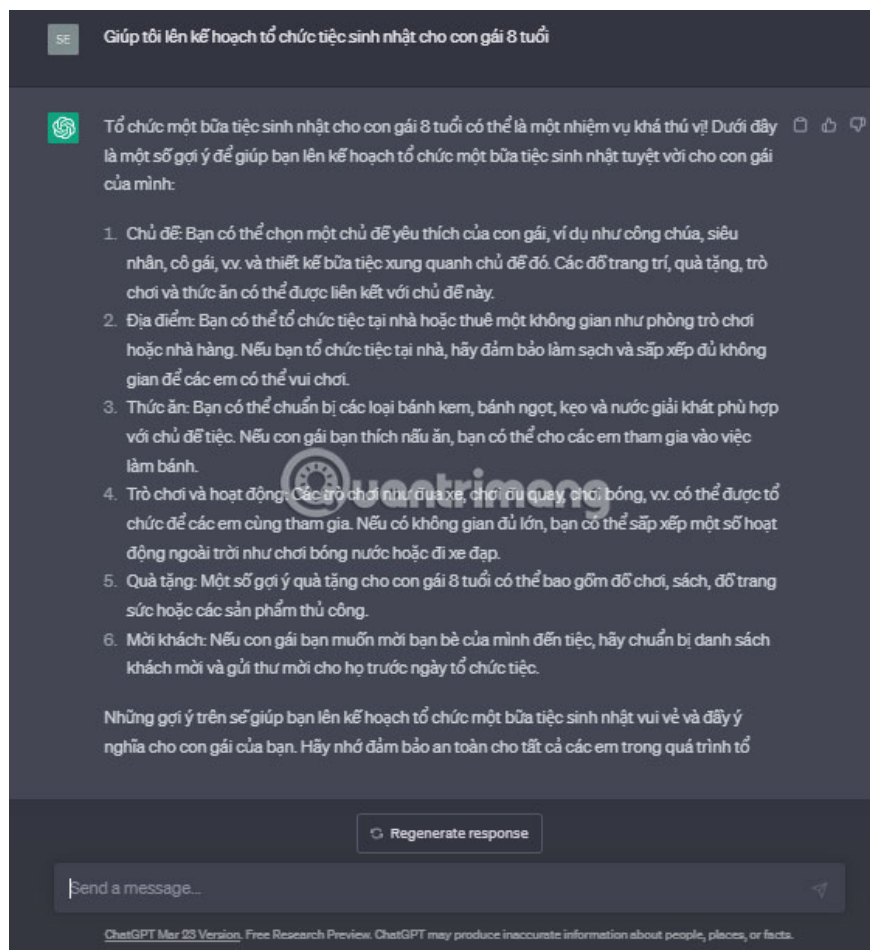
Some practical examples of applications using Auto-GPT include:

1. **Agent-GPT.** Agent-GPT is a browser-based AI tool for creating and deploying autonomous AI agents. Agent-GPT provides a more user-friendly interface for Auto-GPT, but requires some programming knowledge.
2. **Godmode.** Godmode is another tool that essentially performs the same functions as Auto-GPT but runs in the browser and is more user-friendly.

## How is Auto-GPT different from ChatGPT?

There are many technical differences between ChatGPT and Auto-GPT, but one of the key differences is autonomy. Auto-GPT replaces the "human agent" with an "AI agent"—at least for a large part of its operation—giving it some decision-making power. Let's give you a clearer picture of what we mean.

Let's say you want to plan your child's birthday using ChatGPT. What do you need to do? You go to ChatGPT and type "Help me plan a birthday party for my 8-year-old daughter". In seconds, ChatGPT gives you a list of things you should consider.



ChatGPT provided a list of requirements for planning a birthday theme, location, gifts, food and drinks, decorations, guest list, and all the usual related things. The problem is, planning a birthday is very complex. Therefore, two smaller groups of issues need to be addressed: Sending invitations to the guest list and shopping for gifts. This means asking ChatGPT again, this time for advice on planning the guest list and sending invitations, as well as gift ideas and the best places to pick them up.




So, you see, to plan a birthday, we have to quickly go through all the planning steps, which is very time-consuming.

The request creator is a human agent. Auto-GPT promises to replace these human agents with AI agents. So when you ask GPT to plan a birthday party, depending on the permission limits you grant it, Auto-GPT, using AI agents, can automatically prompt and solve every subset of the birthday planning problem.

For example, here, Auto-GPT could first provide a general overview similar to what ChatGPT would do, but then it would prompt itself to handle planning the guest list and invitations, and, if necessary, send those invitations to the guests on the list. That's not all. At least theoretically, it could also generate a list of gift items to buy based on the guest list, then order them using your credit card and home address. Auto-GPT could also develop a birthday theme and potentially hire an event planning company to execute it.

It may sound far-fetched, but Auto-GPT has already been implemented in practice in similar ways.

If you assign Auto-GPT the task of creating a podcast, it will visit several websites to gather information and use it to create the podcast.

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Use case for GPT agent: read about recent events and prepare podcast outline.

All-In podcast example. With 5 searches (and 15 web browses,) Auto GPT research agent prepares a 5 topic podcast on recent news with accurate references (and a cold open.)


unapproved


You are the producer of the All-In podcast. Today is Tuesday April 11, 2023. Research events that happened in the last 24 hours, each with descriptions, references and targeted questions for the hosts: (Crimath (business / technology), David Sacks (politics / economics / SaaS,) and Friedberg (business / science)). Research recent host articles and news and prepare a funny cold intro where Jason makes a joke about another host.




**Watch on Twitter**

Max number of tasks:  
7

<b>Current task:</b>	<b>Suggestions for next tasks</b>
<b>Draft Output</b>	<b>Task List</b>
	<b>Task manager reasoning</b>

4:16 AM - Apr 12, 2023 

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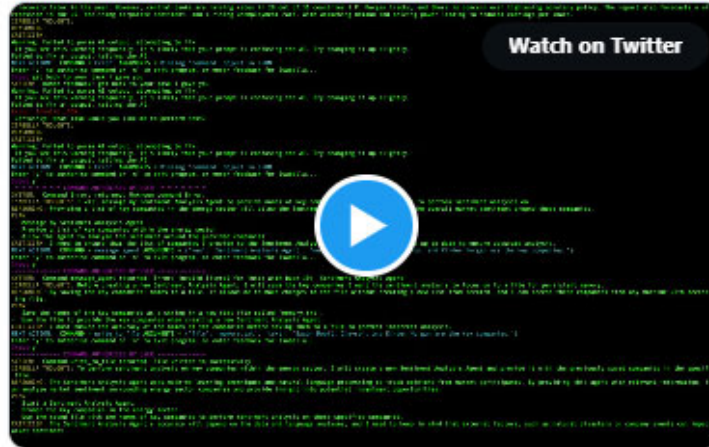
Another person also used Auto-GPT to build an automated investment analysis tool.



MOE  
@mohamed43840 · Follow



Meet Isabella, my personal Investment Analyst designed to autonomously gather and analyse market data for me and saving the results into my system files for me. Using Lang-chain's framework she can now outsource her tasks to other ai agents.  
#OpenAI #AutoGPT



4:49 PM · Apr 6, 2023



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254



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## How does Auto-GPT work?

Auto-GPT ho?t ??ng gi?ng nh? ChatGPT nh?ng có thêm kh? n?ng mà các AI agent cung c?p. B?n có th? hình dung các AI agent là tr? lý cá nhân. Gi?ng nh? m?t tr? lý cá nhân giúp lên l?ch và qu?n lý các nhi?m v? cho ch? nhân c?a chúng, m?t AI agent có th? ???c l?p trình ?? th?c hi?n các nhi?m v? c? th? ho?c ??a ra quy?t ??nh d?a trên m?t b? quy t?c và m?c tiêu ???c xác ??nh tr??c.

Gi?ng nh? m?t tr? lý cá nhân, AI agent có th? ho?t ??ng thay m?t cho m?t cá nhân, th?c hi?n các nhi?m v? nh? lên l?ch h?n, g?i email, mua hàng, phân tích và ??a ra nhi?u quy?t ??nh khác nhau thay cho b?n. Gi?ng nh? m?t tr? lý cá nhân, AI agent ch? có quy?n truy c?p mà b?n c?p cho nó thông qua API.

N?u b?n c?p quy?n truy c?p vào Internet, nó có th? tìm ki?m thông tin, nh?ng ch? có v?y. Nh?ng n?u b?n c?p cho nó quy?n truy c?p vào Terminal c?a máy tính, thì v? m?t lý thuy?t, nó có th? tìm ki?m các ?ng d?ng tr?c tuy?n và cài ??t chúng n?u nó cho r?ng nh?ng ?ng d?ng ?ó c?n thi?t ?? th?c hi?n m?c tiêu. B?n có th? c?p cho nó quy?n truy c?p vào th? tín d?ng c?a mình, nh?ng có l? b?n không nên làm ?i?u ?ó.

Vì v?y, Auto-GPT v? c? b?n là GPT ???c ghép n?i v?i m?t robot ??ng hành cho GPT bi?t ph?i làm gì. B?n cho robot ??ng hành bi?t m?c tiêu c?a mình và robot sau ?ó s? s? d?ng GPT và m?t s? API ?? th?c hi?n m?i b??c c?n thi?t nh?m ??t ???c b?t k? m?c tiêu nào b?n ã ??t cho nó.

# Ứng dụng AutoGPT

AutoGPT có nhiều ứng dụng giúp sử dụng công nghệ như ChatGPT, nhưng nó tập trung hóa các tác vụ đó để thực hiện nhanh hơn. Nó tích hợp với Internet để truy cập dữ liệu thời gian thực. AutoGPT có thể thực hiện các tác vụ sau:

1. **Phân tích dữ liệu.** Yêu cầu mô hình thực hiện nghiên cứu thị trường và phân tích cảm xúc trên các cuộc hội thoại trực tuyến.
2. **Tạo nội dung.** Sử dụng AutoGPT để tạo văn bản như một bài viết, blog và bài đăng trên mạng xã hội hoặc các bài thi nghiệm quy trình làm việc nội dung.
3. **Tạo khách hàng tiềm năng.** Yêu cầu mô hình giúp nghiên cứu khách hàng tiềm năng mới cho doanh nghiệp bán hàng.
4. **Tạo kế hoạch kinh doanh.** Yêu cầu mô hình giúp phát triển doanh nghiệp, và nó sẽ đưa ra một kế hoạch để làm việc đó.
5. **Tập trung hóa đánh giá sản phẩm.** Sử dụng AutoGPT để nghiên cứu các sản phẩm mới, cung cấp nguôn và viết đánh giá cho chúng.
6. **Tạo podcast.** Yêu cầu mô hình viết dàn ý podcast bằng cách nghiên cứu và soạn thảo câu hỏi cho người dẫn chương trình.

Một số ví dụ thực tế về các ứng dụng dựa trên AutoGPT bao gồm:

1. **AgentGPT.** AgentGPT là một công cụ AI chạy trên trình duyệt để tạo và triển khai các AI agent tập trung. AgentGPT sử dụng giao diện thân thiện với người dùng của AutoGPT, và yêu cầu một số kiến thức lập trình.
2. **Godmode.** Godmode là một công cụ khác về cơ bản thực hiện các chức năng công nghệ như AutoGPT, nhưng nó chạy trên trình duyệt và thân thiện với người dùng.

## Auto-GPT là một công nghệ lai thú vị cho AI

Auto-GPT is still an experimental project. Right now, unless you have programming skills, you probably won't be able to implement this tool in practice.

However, in some ways, Auto-GPT has given us a glimpse into what it can accomplish. It offers a glimpse into the future of OpenAI's GPT and artificial intelligence in general. In short, Auto-GPT is exciting, fascinating, and frightening.

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