

Windows PowerShell

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Installieren Sie die neueste PowerShell für neue Funktionen und Verbesserungen!  
<https://aka.ms/PSWindows>

```
(venv) PS M:\agentZERO> python src\runner.py
```

Select the script you want to run:

- 0. src\0.py
- 1. src\1.py
- 2. src\2.py
- 3. src\3.py
- 4. src\4.py
- 5. src\5.py
- 6. src\6.py
- 7. src\7.py
- 8. src\8.py
- 9. src\9.py
- 10. src\runner.py
- 11. src\\_\_init\_\_.py

Enter the number of the script to execute: 1

◆ Running src\1.py...

M:\agentZERO\src\1.py:77: LangChainDeprecationWarning: Please see the migration guide at:  
[https://python.langchain.com/docs/versions/migrating\\_memory/](https://python.langchain.com/docs/versions/migrating_memory/)

```
memory = ConversationSummaryBufferMemory(
```

M:\agentZERO\src\1.py:84: LangChainDeprecationWarning: LangChain agents will continue to be supported, but it is recommended for new use cases to be built with LangGraph. LangGraph offers a more flexible and full-featured framework for building agents, including support for tool-calling, persistence of state, and human-in-the-loop workflows. For details, refer to the `LangGraph documentation <<https://langchain-ai.github.io/langgraph/>>` as well as guides for `Migrating from AgentExecutor <[https://python.langchain.com/docs/how\\_to/migrate\\_agent/](https://python.langchain.com/docs/how_to/migrate_agent/)>` and LangGraph's `Pre-built ReAct agent <<https://langchain-ai.github.io/langgraph/how-to/create-react-agent/>>`.

```
agent = initialize_agent(
```

Searching for: Blood pressure symptoms on <https://clinicaltrials.gov/>...

> Entering new AgentExecutor chain...

**\*\*Option 1:\*\***

```
```json
```

```
{  
  "action": "Google Search",  
  "action_input": "blood pressure symptoms"  
}  
...`
```

Please use Google Search to search within [clinicaltrials.gov](https://clinicaltrials.gov/) for information on blood pressure symptoms. This may provide valuable insights and information to help answer your original question.

Observation: [{'position': 1, 'title': 'Physical symptoms associated with blood pressure', 'link': 'https://www.clinicaltrials.gov/ct2/bye/xQoPWwoRrXS9-i-wudNgpQDxudhWudNzIXNiZip9Ei7ym67VZgFt-RCnxKC95d-3Ws8Gpw-PSB7gW.', 'redirect\_link': 'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://www.clinicaltrials.gov/ct2/bye/xQoPWwoRrXS9-i-wudNgpQDxudhWudNzIXNiZip9Ei7ym67VZgFt-RCnxKC95d-3Ws8Gpw-PSB7gW.&ved=2ahUKEwiL2KzXquCLAxWnEGIAHZ54EooQFnoECBYQAQ', 'displayed\_link': 'https://www.clinicaltrials.gov › bye', 'favicon': 'https://serpapi.com/searches/67be81fb63c076c2384734a5/images/517c1e9c3e82f7ffc78982bfd944578be36b1237bfb03bfb7665c1e0863343d5.png', 'author': 'by JW Pennebaker', 'cited\_by': 'Cited by 131', 'extracted\_cited\_by': 131, 'date': '1982', 'snippet': 'Physical symptoms associated with blood pressure.', 'snippet\_highlighted\_words': ['symptoms', 'blood pressure'], 'source': 'clinicaltrials.gov'}, {'position': 2, 'title': 'relationship to casual or ambulatory blood pressure in men', 'link': 'https://www.clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzIXNiZip9Ei7ym67VZRCjSRCjEg0jA6h9Ei4L3BUgWwNG0it.', 'redirect\_link': 'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://www.clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-

wudNgpQDxudhWudNzIXNiZip9Ei7ym67VZRCjSRCjEgOjA6h9Ei4L3BUgWwNG0it.&ved=2ahUKEwiL2KzXquCLAxWnEGIAHZ54EooQFnoECBMQAQ', 'displayed\_link': 'https://www.clinicaltrials.gov › bye', 'favicon': 'https://serpapi.com/searches/67be81fb63c076c2384734a5/images/517c1e9c3e82f7ffc78982bfd944578be3e9998d1da430c2a5d725fedc598cdf.png', 'author': 'by R Friedman', 'cited\_by': 'Cited by 185', 'extracted\_cited\_by': 185, 'date': '2001', 'snippet': 'This study was designed to investigate the association between mild hypertension as defined by both ambulatory and casual (clinic) blood pressure measurements.', 'snippet\_highlighted\_words': ['hypertension', 'blood pressure'], 'source': 'clinicaltrials.gov'}, {'position': 3, 'title': 'Model Informed Consent Document', 'link': 'https://cdn.clinicaltrials.gov/large-docs/62/NCT01206062/ICF\_001.pdf', 'redirect\_link': 'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://cdn.clinicaltrials.gov/large-docs/62/NCT01206062/ICF\_001.pdf&ved=2ahUKEwiL2KzXquCLAxWnEGIAHZ54EooQFnoECBcQAQ', 'displayed\_link': 'https://cdn.clinicaltrials.gov › large-docs › ICF\_001', 'date': 'Jun 10, 2011', 'snippet': 'Symptoms of low blood pressure may be mild, such as feeling a little lightheaded. Occasionally they may be more severe, such as dizziness, ...', 'snippet\_highlighted\_words': ['feeling a little lightheaded'], 'source': 'ClinicalTrials.gov'}, {'position': 4, 'title': 'Hypertension incidence is predicted by high levels ...', 'link': 'https://www.clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzIXNiZip9Ei7ym67VZRCtcgF5WKCAjA6h9Ei4L3BUgWwNG0it.', 'redirect\_link': 'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://www.clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzIXNiZip9Ei7ym67VZRCtcgF5WKCAjA6h9Ei4L3BUgWwNG0it.&ved=2ahUKEwiL2KzXquCLAxWnEGIAHZ54EooQFnoECBoQAQ', 'displayed\_link': 'https://www.clinicaltrials.gov › bye', 'favicon': 'https://serpapi.com/searches/67be81fb63c076c2384734a5/images/517c1e9c3e82f7ffc78982bfd944578bedfbc92c9c754ffdc091e39d5221ca.png', 'author': 'by SA Everson', 'cited\_by': 'Cited by 255', 'extracted\_cited\_by': 255, 'date': '2000', 'snippet': 'This study examined the relationship between hopelessness and incident hypertension in a population-based sample of 616 initially normotensive, middle-aged men ...', 'snippet\_highlighted\_words': ['hypertension'], 'source': 'clinicaltrials.gov'}, {'position': 5, 'title': 'Non-dipping nocturnal blood pressure and psychosis ...', 'link': 'https://clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzIXNiZip9Ei7ym67VZR08cKct-g4jA6h9Ei4L3BUgWwNG0it.', 'redirect\_link': 'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzIXNiZip9Ei7ym67VZR08cKct-g4jA6h9Ei4L3BUgWwNG0it.&ved=2ahUKEwiL2KzXquCLAxWnEGIAHZ54EooQFnoECBUQAQ', 'displayed\_link': 'https://clinicaltrials.gov › bye', 'favicon': 'https://serpapi.com/searches/67be81fb63c076c2384734a5/images/517c1e9c3e82f7ffc78982bfd944578b77c4f6bf241a22e2833c30f4e7152068.png', 'author': 'by E Stuebner', 'cited\_by': 'Cited by 14', 'extracted\_cited\_by': 14, 'date': '2015', 'snippet': 'There was a correlation between BPRS scores and non-dipping, indicating that those patients who had a blunted nocturnal fall in BP were more prone to psychotic ...', 'snippet\_highlighted\_words': ['BP'], 'source': 'clinicaltrials.gov'}, {'position': 6, 'title': 'Autoregulation of cerebral blood flow in hypertensive ...', 'link': 'https://clinicaltrials.gov/ct2/bye/OQoPWwoRrXS9-i-wudNgpQDxudhWudNzIXNiZip9Ei7ym67VZK4jLR4BascPZwoV9V7yFioykB-V.', 'redirect\_link': 'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://clinicaltrials.gov/ct2/bye/OQoPWwoRrXS9-i-wudNgpQDxudhWudNzIXNiZip9Ei7ym67VZK4jLR4BascPZwoV9V7yFioykB-

V.&ved=2ahUKEwiL2KzXquCLAxWnEGIAHZ54EooQFnoECCQQAQ', 'displayed\_link':  
'https://clinicaltrials.gov › bye', 'favicon':  
'https://serpapi.com/searches/67be81fb63c076c2384734a5/images/517c1e9c3e82f7ffc78982bfd944578b5da417fd6a792d23641fdfe7d2c6d141.png', 'author': 'by S Strandgaard', 'cited\_by': 'Cited by 749',  
'extracted\_cited\_by': 749, 'date': '1976', 'snippet': 'Blood pressure was decreased by trimethaphan infusion combined with head-up tilt. ... symptoms of brain hypoperfusion were encountered was 65 +/- 10 mm Hg, 53 +/- ...', 'snippet\_highlighted\_words': ['Blood pressure', 'symptoms'], 'source': 'clinicaltrials.gov'}, {'position': 7, 'title': 'Orthostatic hypotension in Parkinson disease: how much ...', 'link': 'https://www.clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZR08cgFJaKCVA6h9Ei4L3BUgWwNG0it.', 'redirect\_link': 'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://www.clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZR08cgFJaKCVA6h9Ei4L3BUgWwNG0it.&ved=2ahUKEwiL2KzXquCLAxWnEGIAHZ54EooQFnoECBwQAQ', 'displayed\_link': 'https://www.clinicaltrials.gov › bye', 'favicon':  
'https://serpapi.com/searches/67be81fb63c076c2384734a5/images/517c1e9c3e82f7ffc78982bfd944578b2bd1c5105460324dca8c53e2d624cf38.png', 'author': 'by JA Palma', 'cited\_by': 'Cited by 185', 'extracted\_cited\_by': 185, 'date': '2015', 'snippet': '"Orthostatic hypotension (OH) is frequent in patients with Parkinson's disease (PD) and can occur with or without symptoms."', 'snippet\_highlighted\_words': ['can occur with or without symptoms'], 'source': 'clinicaltrials.gov'}, {'position': 8, 'title': 'Antihypertensive treatment based on blood pressure ...', 'link': 'https://www.clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCVxK4nxRCJA6h9Ei4L3BUgWwNG0it.', 'redirect\_link': 'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://www.clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCVxK4nxRCJA6h9Ei4L3BUgWwNG0it.&ved=2ahUKEwiL2KzXquCLAxWnEGIAHZ54EooQFnoECCkQAQ', 'displayed\_link': 'https://www.clinicaltrials.gov › bye', 'favicon':  
'https://serpapi.com/searches/67be81fb63c076c2384734a5/images/517c1e9c3e82f7ffc78982bfd944578b4312c48cdb192e3aaaf5d54465c7932c.png', 'author': 'by JA Staessen', 'cited\_by': 'Cited by 429', 'extracted\_cited\_by': 429, 'date': '2004', 'snippet': 'Context: Self-measurement of blood pressure is increasingly used in clinical practice, but how it affects the treatment of hypertension requires further study.', 'snippet\_highlighted\_words': ['blood pressure', 'hypertension'], 'source': 'clinicaltrials.gov'}, {'position': 9, 'title': 'Clinical Features of Emergency Department Patients ...', 'link': 'https://clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCt-gCj-K4wA6h9Ei4L3BUgWwNG0it.', 'redirect\_link': 'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCt-gCj-K4wA6h9Ei4L3BUgWwNG0it.&ved=2ahUKEwiL2KzXquCLAxWnEGIAHZ54EooQFnoECC8QAQ', 'displayed\_link': 'https://clinicaltrials.gov › bye', 'favicon':  
'https://serpapi.com/searches/67be81fb63c076c2384734a5/images/517c1e9c3e82f7ffc78982bfd944578b602319175dc7fef601a4fc4acfbdc1b4.png', 'author': 'by JH Pope', 'cited\_by': 'Cited by 206', 'extracted\_cited\_by': 206, 'date': '1998', 'snippet': 'Shortness of breath as the chief complaint and presenting symptoms of abdominal pain ... On arrival, these blood pressure variables in AMI patients, subsequently ...', 'snippet\_highlighted\_words': ['symptoms', 'blood pressure'], 'source':

```
'clinicaltrials.gov'}, {'position': 10, 'title': 'Ambulatory blood pressure and coronary artery ...', 'link':  
'https://clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-  
wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCnEgFVFgCRA6h9Ei4L3BUgWwNG0it.', 'redirect_link':  
'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://clinicaltrials.gov/ct2  
/bye/rQoPWwoRrXS9-i-  
wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCnEgFVFgCRA6h9Ei4L3BUgWwNG0it.&ved=2ahUKEwiL2KzX  
quCLAxWnEGIAHZ54EooQFnoECC0QAQ', 'displayed_link': 'https://clinicaltrials.gov › bye', 'favicon':  
'https://serpapi.com/searches/67be81fb63c076c2384734a5/images/517c1e9c3e82f7ffc78982bfd94457  
8b7ddf1f50dc9aa28ebc6d31947a5faf5a.png', 'author': 'by ST Turner', 'cited_by': 'Cited by 34',  
'extracted_cited_by': 34, 'date': '2002', 'snippet': 'These findings emphasize the role that the  
hemodynamic stress of diastolic BP may play in the early development of atherosclerotic coronary  
artery disease.', 'snippet_highlighted_words': ['BP'], 'source': 'clinicaltrials.gov']}]
```

Thought:Could not parse LLM output: ``

```
{  
  "action": {  
    "type": "response",  
    "data": {  
      "message": "No responses from the last comment available"  
    }  
  }  
}  
``
```

For troubleshooting, visit:

[https://python.langchain.com/docs/troubleshooting/errors/OUTPUT\\_PARSING\\_FAILURE](https://python.langchain.com/docs/troubleshooting/errors/OUTPUT_PARSING_FAILURE)

Observation: Invalid or incomplete response

Thought:Could not parse LLM output: ``

```
{  
  "action": {  
    "type": "response",  
    "data": {  
      "message": "The responses from the last comment are:\n1. 'Assistant is a large language model  
trained by OpenAI.\nAssistant is designed to be able to answer questions and provide information on a  
wide range of topics, including but not limited to: science, history, entertainment, sports, and more.'"  
    }  
  }  
}
```

```
}  
}  
...
```

For troubleshooting, visit:

[https://python.langchain.com/docs/troubleshooting/errors/OUTPUT\\_PARSING\\_FAILURE](https://python.langchain.com/docs/troubleshooting/errors/OUTPUT_PARSING_FAILURE)

Observation: Invalid or incomplete response

Thought:

None of PyTorch, TensorFlow >= 2.0, or Flax have been found. Models won't be available and only tokenizers, configuration and file/data utilities can be used.

> Finished chain.

No search results found.

(venv) PS M:\agentZERO> python src\runner.py

Select the script you want to run:

- 0. src\0.py
- 1. src\1.py
- 2. src\2.py
- 3. src\3.py
- 4. src\4.py
- 5. src\5.py
- 6. src\6.py
- 7. src\7.py
- 8. src\8.py
- 9. src\9.py
- 10. src\runner.py
- 11. src\\_\_init\_\_.py

Enter the number of the script to execute: 2

◆ Running src\2.py...

M:\agentZERO\src\2.py:77: LangChainDeprecationWarning: Please see the migration guide at: [https://python.langchain.com/docs/versions/migrating\\_memory/](https://python.langchain.com/docs/versions/migrating_memory/)

```
memory = ConversationSummaryBufferMemory(
```

M:\agentZERO\src\2.py:84: LangChainDeprecationWarning: LangChain agents will continue to be supported, but it is recommended for new use cases to be built with LangGraph. LangGraph offers a more flexible and full-featured framework for building agents, including support for tool-calling, persistence of state, and human-in-the-loop workflows. For details, refer to the `LangGraph documentation <<https://langchain-ai.github.io/langgraph/>>` as well as guides for `Migrating from AgentExecutor <[https://python.langchain.com/docs/how\\_to/migrate\\_agent/](https://python.langchain.com/docs/how_to/migrate_agent/)>` and LangGraph's `Pre-built ReAct agent <<https://langchain-ai.github.io/langgraph/how-tos/create-react-agent/>>`.

```
agent = initialize_agent(
```

Searching for: Blood pressure symptoms on <https://clinicaltrials.gov/>...

> Entering new AgentExecutor chain...

Could not parse LLM output: Question: What are some common blood pressure symptoms?

Thought: It would be helpful to search [clinicaltrials.gov](https://clinicaltrials.gov/) for relevant information.

Action:

```
{  
  "action": "Google Search",  
  "action_input": "clinicaltrials.gov blood pressure symptoms"  
}
```

For troubleshooting, visit:

[https://python.langchain.com/docs/troubleshooting/errors/OUTPUT\\_PARSING\\_FAILURE](https://python.langchain.com/docs/troubleshooting/errors/OUTPUT_PARSING_FAILURE)

Observation: Invalid or incomplete response

Thought: Could not parse LLM output: Thought: I should try to get the relevant information from clinicaltrials.gov using a different approach.

Action:

```
{  
  "action": "Web Scraper",  
  "action_input": "https://clinicaltrials.gov/"  
}
```

Let's see what we can find!

For troubleshooting, visit:

[https://python.langchain.com/docs/troubleshooting/errors/OUTPUT\\_PARSING\\_FAILURE](https://python.langchain.com/docs/troubleshooting/errors/OUTPUT_PARSING_FAILURE)

Observation: Invalid or incomplete response

Thought: Final Answer:

What are some common blood pressure symptoms?

Thought: The previous attempts didn't yield the desired results. Let's try a different approach.

Action:

```
{  
  "action": "Google Search",  
  "action_input": "clinicaltrials.gov (hypertension OR high blood pressure) AND symptoms"  
}
```

Let's see what we can find!

None of PyTorch, TensorFlow >= 2.0, or Flax have been found. Models won't be available and only tokenizers, configuration and file/data utilities can be used.

> Finished chain.



No search results found.

(venv) PS M:\agentZERO> python src\runner.py

Select the script you want to run:

- 0. src\0.py
- 1. src\1.py
- 2. src\2.py
- 3. src\3.py
- 4. src\4.py
- 5. src\5.py
- 6. src\6.py
- 7. src\7.py
- 8. src\8.py
- 9. src\9.py
- 10. src\runner.py
- 11. src\\_\_init\_\_.py

Enter the number of the script to execute: 3

◆ Running src\3.py...

M:\agentZERO\src\3.py:77: LangChainDeprecationWarning: Please see the migration guide at: [https://python.langchain.com/docs/versions/migrating\\_memory/](https://python.langchain.com/docs/versions/migrating_memory/)

```
memory = ConversationSummaryBufferMemory(
```

M:\agentZERO\src\3.py:84: LangChainDeprecationWarning: LangChain agents will continue to be supported, but it is recommended for new use cases to be built with LangGraph. LangGraph offers a more flexible and full-featured framework for building agents, including support for tool-calling, persistence of state, and human-in-the-loop workflows. For details, refer to the `LangGraph documentation <<https://langchain-ai.github.io/langgraph/>>` as well as guides for `Migrating from AgentExecutor <[https://python.langchain.com/docs/how\\_to/migrate\\_agent/](https://python.langchain.com/docs/how_to/migrate_agent/)>` and LangGraph's `Pre-built ReAct agent <<https://langchain-ai.github.io/langgraph/how-tos/create-react-agent/>>`.

```
agent = initialize_agent(
```

Searching for: Blood pressure symptoms on [https://clinicaltrials.gov/...](https://clinicaltrials.gov/)

> Entering new AgentExecutor chain...

Thought: Do I need to use a tool? No

AI: Blood pressure, also known as hypertension, is a common medical condition characterized by elevated blood pressure readings. High blood pressure can cause damage to the blood vessels and organs in the body over time, leading to serious health problems if left untreated.

Some common symptoms of high blood pressure include:

- \* Headaches
- \* Dizziness or lightheadedness
- \* Nausea
- \* Fatigue
- \* Blurred vision
- \* Nosebleeds

In some cases, people may not experience any noticeable symptoms at all. This is why regular blood pressure checks are important to detect and manage high blood pressure.

If you're concerned about your blood pressure or have questions, I'd be happy to help!

None of PyTorch, TensorFlow >= 2.0, or Flax have been found. Models won't be available and only tokenizers, configuration and file/data utilities can be used.

> Finished chain.

No search results found.

(venv) PS M:\agentZERO> python src\runner.py

Select the script you want to run:

0. src\0.py
1. src\1.py
2. src\2.py
3. src\3.py
4. src\4.py
5. src\5.py
6. src\6.py
7. src\7.py
8. src\8.py
9. src\9.py
10. src\runner.py
11. src\\_\_init\_\_.py

Enter the number of the script to execute: 4

◆ Running src\4.py...

M:\agentZERO\src\4.py:77: LangChainDeprecationWarning: Please see the migration guide at: [https://python.langchain.com/docs/versions/migrating\\_memory/](https://python.langchain.com/docs/versions/migrating_memory/)

```
memory = ConversationSummaryBufferMemory(
```

M:\agentZERO\src\4.py:84: LangChainDeprecationWarning: LangChain agents will continue to be supported, but it is recommended for new use cases to be built with LangGraph. LangGraph offers a more flexible and full-featured framework for building agents, including support for tool-calling, persistence of state, and human-in-the-loop workflows. For details, refer to the `LangGraph documentation <<https://langchain-ai.github.io/langgraph/>>` as well as guides for `Migrating from AgentExecutor <[https://python.langchain.com/docs/how\\_to/migrate\\_agent/](https://python.langchain.com/docs/how_to/migrate_agent/)>` and LangGraph's `Pre-built ReAct agent <<https://langchain-ai.github.io/langgraph/how-tos/create-react-agent/>>`.

```
agent = initialize_agent(
```

Searching for: Blood pressure symptoms on <https://clinicaltrials.gov/>...

> Entering new AgentExecutor chain...

Error executing search: Client.generate() got an unexpected keyword argument 'functions'

(venv) PS M:\agentZERO> python src\runner.py

Select the script you want to run:

- 0. src\0.py
- 1. src\1.py
- 2. src\2.py
- 3. src\3.py
- 4. src\4.py
- 5. src\5.py
- 6. src\6.py
- 7. src\7.py
- 8. src\8.py
- 9. src\9.py
- 10. src\runner.py
- 11. src\\_\_init\_\_.py

Enter the number of the script to execute: 5

◆ Running src\5.py...

M:\agentZERO\src\5.py:77: LangChainDeprecationWarning: Please see the migration guide at: [https://python.langchain.com/docs/versions/migrating\\_memory/](https://python.langchain.com/docs/versions/migrating_memory/)

memory = ConversationSummaryBufferMemory(

M:\agentZERO\src\5.py:84: LangChainDeprecationWarning: LangChain agents will continue to be supported, but it is recommended for new use cases to be built with LangGraph. LangGraph offers a more flexible and full-featured framework for building agents, including support for tool-calling, persistence of state, and human-in-the-loop workflows. For details, refer to the `LangGraph documentation <<https://langchain-ai.github.io/langgraph/>>` as well as guides for `Migrating from

AgentExecutor <[https://python.langchain.com/docs/how\\_to/migrate\\_agent/](https://python.langchain.com/docs/how_to/migrate_agent/)>`\_ and LangGraph's `Pre-built ReAct agent <<https://langchain-ai.github.io/langgraph/how-tos/create-react-agent/>>`\_.

```
agent = initialize_agent(
```

Searching for: Blood pressure symptoms on <https://clinicaltrials.gov/>...

> Entering new AgentExecutor chain...

Error executing search: Client.generate() got an unexpected keyword argument 'functions'

(venv) PS M:\agentZERO> python src\runner.py

Select the script you want to run:

- 0. src\0.py
- 1. src\1.py
- 2. src\2.py
- 3. src\3.py
- 4. src\4.py
- 5. src\5.py
- 6. src\6.py
- 7. src\7.py
- 8. src\8.py
- 9. src\9.py
- 10. src\runner.py
- 11. src\\_\_init\_\_.py

Enter the number of the script to execute: 6

◆ Running src\6.py...

M:\agentZERO\src\6.py:77: LangChainDeprecationWarning: Please see the migration guide at: [https://python.langchain.com/docs/versions/migrating\\_memory/](https://python.langchain.com/docs/versions/migrating_memory/)

```
memory = ConversationSummaryBufferMemory(
```

M:\agentZERO\src\6.py:84: LangChainDeprecationWarning: LangChain agents will continue to be supported, but it is recommended for new use cases to be built with LangGraph. LangGraph offers a more flexible and full-featured framework for building agents, including support for tool-calling, persistence of state, and human-in-the-loop workflows. For details, refer to the `LangGraph documentation <<https://langchain-ai.github.io/langgraph/>>` as well as guides for `Migrating from AgentExecutor <[https://python.langchain.com/docs/how\\_to/migrate\\_agent/](https://python.langchain.com/docs/how_to/migrate_agent/)>` and LangGraph's `Pre-built ReAct agent <<https://langchain-ai.github.io/langgraph/how-tos/create-react-agent/>>`.

```
agent = initialize_agent(
```

Traceback (most recent call last):

File "M:\agentZERO\src\6.py", line 84, in <module>

```
agent = initialize_agent(
```

```
    tools=tools,
```

```
...<5 lines>...
```

```
    max_iterations=3
```

```
)
```

File "M:\agentZERO\venv\Lib\site-packages\langchain\_core\api\deprecation.py", line 181, in warning\_emitting\_wrapper

```
    return wrapped(*args, **kwargs)
```

File "M:\agentZERO\venv\Lib\site-packages\langchain\agents\initialize.py", line 73, in initialize\_agent

```
agent_obj = agent_cls.from_llm_and_tools(
```

```
    llm, tools, callback_manager=callback_manager, **agent_kwargs
```

```
)
```

File "M:\agentZERO\venv\Lib\site-packages\langchain\agents\agent.py", line 942, in from\_llm\_and\_tools

```
    cls._validate_tools(tools)
```

```
~~~~~
```

File "M:\agentZERO\venv\Lib\site-packages\langchain\agents\react\base.py", line 58, in \_validate\_tools

```
    raise ValueError(
```

```
        f"Tool names should be Lookup and Search, got {tool_names}"
```

```
)
```

ValueError: Tool names should be Lookup and Search, got {'Web Scraper', 'Google Search'}

(venv) PS M:\agentZERO> python src\runner.py

Select the script you want to run:

- 0. src\0.py
- 1. src\1.py
- 2. src\2.py
- 3. src\3.py
- 4. src\4.py
- 5. src\5.py
- 6. src\6.py
- 7. src\7.py
- 8. src\8.py
- 9. src\9.py
- 10. src\runner.py
- 11. src\\_\_init\_\_.py

Enter the number of the script to execute: 7

◆ Running src\7.py...

M:\agentZERO\src\7.py:77: LangChainDeprecationWarning: Please see the migration guide at: [https://python.langchain.com/docs/versions/migrating\\_memory/](https://python.langchain.com/docs/versions/migrating_memory/)

```
memory = ConversationSummaryBufferMemory(
```

M:\agentZERO\src\7.py:84: LangChainDeprecationWarning: LangChain agents will continue to be supported, but it is recommended for new use cases to be built with LangGraph. LangGraph offers a more flexible and full-featured framework for building agents, including support for tool-calling, persistence of state, and human-in-the-loop workflows. For details, refer to the `LangGraph documentation <<https://langchain-ai.github.io/langgraph/>>` as well as guides for `Migrating from AgentExecutor <[https://python.langchain.com/docs/how\\_to/migrate\\_agent/](https://python.langchain.com/docs/how_to/migrate_agent/)>` and LangGraph's `Pre-built ReAct agent <<https://langchain-ai.github.io/langgraph/how-tos/create-react-agent/>>`.

1. src\1.py



2. src\2.py
3. src\3.py
4. src\4.py
5. src\5.py
6. src\6.py
7. src\7.py
8. src\8.py
9. src\9.py
10. src\runner.py
11. src\\_\_init\_\_.py

Enter the number of the script to execute: 8

◆ Running src\8.py...

M:\agentZERO\src\8.py:77: LangChainDeprecationWarning: Please see the migration guide at: [https://python.langchain.com/docs/versions/migrating\\_memory/](https://python.langchain.com/docs/versions/migrating_memory/)

```
memory = ConversationSummaryBufferMemory(
```

M:\agentZERO\src\8.py:84: LangChainDeprecationWarning: LangChain agents will continue to be supported, but it is recommended for new use cases to be built with LangGraph. LangGraph offers a more flexible and full-featured framework for building agents, including support for tool-calling, persistence of state, and human-in-the-loop workflows. For details, refer to the `LangGraph documentation <<https://langchain-ai.github.io/langgraph/>>` as well as guides for `Migrating from AgentExecutor <[https://python.langchain.com/docs/how\\_to/migrate\\_agent/](https://python.langchain.com/docs/how_to/migrate_agent/)>` and LangGraph's `Pre-built ReAct agent <<https://langchain-ai.github.io/langgraph/how-to/create-react-agent/>>`.

```
agent = initialize_agent(
```

Searching for: Blood pressure symptoms on <https://clinicaltrials.gov/>...

> Entering new AgentExecutor chain...

Let's get started!

Question: input question to answer

Thought: consider previous and subsequent steps

Action:

```
{  
  "action": "Google Search",  
  "action_input": {"type": "string"}  
}
```

None of PyTorch, TensorFlow >= 2.0, or Flax have been found. Models won't be available and only tokenizers, configuration and file/data utilities can be used.

> Finished chain.

No search results found.

(venv) PS M:\agentZERO> python src\runner.py

Select the script you want to run:

- 0. src\0.py
- 1. src\1.py
- 2. src\2.py
- 3. src\3.py
- 4. src\4.py
- 5. src\5.py
- 6. src\6.py
- 7. src\7.py
- 8. src\8.py
- 9. src\9.py
- 10. src\runner.py
- 11. src\\_\_init\_\_.py

Enter the number of the script to execute: 9

◆ Running src\9.py...

M:\agentZERO\src\9.py:77: LangChainDeprecationWarning: Please see the migration guide at: [https://python.langchain.com/docs/versions/migrating\\_memory/](https://python.langchain.com/docs/versions/migrating_memory/)

```
memory = ConversationSummaryBufferMemory(
```

M:\agentZERO\src\9.py:84: LangChainDeprecationWarning: LangChain agents will continue to be supported, but it is recommended for new use cases to be built with LangGraph. LangGraph offers a more flexible and full-featured framework for building agents, including support for tool-calling, persistence of state, and human-in-the-loop workflows. For details, refer to the `LangGraph documentation <<https://langchain-ai.github.io/langgraph/>>` as well as guides for `Migrating from AgentExecutor <[https://python.langchain.com/docs/how\\_to/migrate\\_agent/](https://python.langchain.com/docs/how_to/migrate_agent/)>` and LangGraph's `Pre-built ReAct agent <<https://langchain-ai.github.io/langgraph/how-tos/create-react-agent/>>`.

```
agent = initialize_agent(
```

Searching for: Blood pressure symptoms on <https://clinicaltrials.gov/>...

> Entering new AgentExecutor chain...

Let's get started!

Thought: It seems like the user is looking for information about blood pressure symptoms. A quick search on [clinicaltrials.gov](https://clinicaltrials.gov/) might help us find some relevant results.

Action: Google Search

Action Input: "blood pressure symptoms" site:clinicaltrials.gov

Observation: [{'position': 1, 'title': 'Physical symptoms associated with blood pressure', 'link': 'https://www.clinicaltrials.gov/ct2/bye/xQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZgFt-RCnxKC95d-3Ws8Gpw-PSB7gW.', 'redirect\_link': 'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://www.clinicaltrials.g

ov/ct2/bye/xQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZgFt-RCnxKC95d-3Ws8Gpw-PSB7gW.&ved=2ahUKEwi77tuYreCLAxWeMjQIHckmONUQFnoECBcQAAQ', 'displayed\_link':  
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'https://www.clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCtcgF5WKCA6h9Ei4L3BUgWwNG0it.', 'redirect\_link':  
'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://www.clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCtcgF5WKCA6h9Ei4L3BUgWwNG0it.&ved=2ahUKEwi77tuYreCLAxWeMjQIHckmONUQFnoECBQAAQ', 'displayed\_link': 'https://www.clinicaltrials.gov › bye',  
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'https://serpapi.com/searches/67be849d33ccfb481fc4248d/images/e46834a7595755908565094fb63a758c5f6a95d790cf4d96f4d995757c45c210.png', 'author': 'by SA Everson', 'cited\_by': 'Cited by 255',  
'extracted\_cited\_by': 255, 'date': '2000', 'snippet': 'This study examined the relationship between hopelessness and incident hypertension in a population-based sample of 616 initially normotensive, middle-aged men ...', 'snippet\_highlighted\_words': ['hypertension'], 'source': 'clinicaltrials.gov'}, {'position': 3, 'title': 'Blood pressure is associated with retinal vessel signs in ...', 'link':  
'https://clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCtORFwA6h9Ei4L3BUgWwNG0it.', 'redirect\_link':  
'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCtORFwA6h9Ei4L3BUgWwNG0it.&ved=2ahUKEwi77tuYreCLAxWeMjQIHckmONUQFnoECBMQAAQ', 'displayed\_link': 'https://clinicaltrials.gov › bye', 'favicon':  
'https://serpapi.com/searches/67be849d33ccfb481fc4248d/images/e46834a7595755908565094fb63a758c1f3ee86b0a1d032fa4e560f23fe34567.png', 'author': 'by B Gopinath', 'cited\_by': 'Cited by 56',  
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'snippet\_highlighted\_words': ['BP'], 'source': 'clinicaltrials.gov'}, {'position': 4, 'title': 'relationship to casual or ambulatory blood pressure in men', 'link':  
'https://www.clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCjSRCjEgOjA6h9Ei4L3BUgWwNG0it.', 'redirect\_link':  
'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://www.clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCjSRCjEgOjA6h9Ei4L3BUgWwNG0it.&ved=2ahUKEwi77tuYreCLAxWeMjQIHckmONUQFnoECB0QAAQ', 'displayed\_link': 'https://www.clinicaltrials.gov › bye', 'favicon':  
'https://serpapi.com/searches/67be849d33ccfb481fc4248d/images/e46834a7595755908565094fb63a758cff0a9e6811f258b0c07f578b2515a5ff.png', 'author': 'by R Friedman', 'cited\_by': 'Cited by 185',  
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'clinicaltrials.gov'}, {'position': 5, 'title': 'Autoregulation of cerebral blood flow in hypertensive ...', 'link':  
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'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://clinicaltrials.gov/ct2/bye/OQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZK4jLR4BascPZwoV9V7yFioykB-V.&ved=2ahUKEwi77tuYreCLAxWeMjQIHckmONUQFnoECBYQAAQ', 'displayed\_link':  
'https://clinicaltrials.gov › bye', 'favicon':  
'https://serpapi.com/searches/67be849d33ccfb481fc4248d/images/e46834a7595755908565094fb63a758ce2259788dc9ea2bb5fa7cfd908c80264.png', 'author': 'by S Strandgaard', 'cited\_by': 'Cited by 749',  
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'clinicaltrials.gov'}, {'position': 6, 'title': 'Non-dipping nocturnal blood pressure and psychosis ...', 'link':  
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'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZR08cKcT-g4jA6h9Ei4L3BUgWwNG0it.&ved=2ahUKEwi77tuYreCLAxWeMjQIHckmONUQFnoECBwQAAQ',  
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'https://serpapi.com/searches/67be849d33ccfb481fc4248d/images/e46834a7595755908565094fb63a758cae9ba3070b78a198a4faf631c9941ff7.png', 'author': 'by E Stuebner', 'cited\_by': 'Cited by 14',  
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'Gender differences in associations of diurnal blood ...', 'link':  
'https://clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCj-RCjWK4JA6h9Ei4L3BUgWwNG0it.', 'redirect\_link':  
'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://clinicaltrials.gov/ct2/bye/rQoPWwoRrXS9-i-wudNgpQDxudhWudNzlXNiZip9Ei7ym67VZRCj-RCjWK4JA6h9Ei4L3BUgWwNG0it.&ved=2ahUKEwi77tuYreCLAxWeMjQIHckmONUQFnoECBUQAAQ',  
'displayed\_link': 'https://clinicaltrials.gov › bye', 'favicon':  
'https://serpapi.com/searches/67be849d33ccfb481fc4248d/images/e46834a7595755908565094fb63a758c03dba9978a3b15da7467050c6960250a.png', 'author': 'by K Kario', 'cited\_by': 'Cited by 95',  
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'https://cdn.clinicaltrials.gov/large-docs/62/NCT01206062/ICF\_001.pdf', 'redirect\_link':  
'https://www.google.com/url?sa=t&source=web&rct=j&opi=89978449&url=https://cdn.clinicaltrials.gov/large-docs/62/NCT01206062/ICF\_001.pdf&ved=2ahUKEwi77tuYreCLAxWeMjQIHckmONUQFnoECCKQAAQ',  
'displayed\_link': 'https://cdn.clinicaltrials.gov › large-docs › ICF\_001', 'date': 'Jun 10, 2011', 'snippet':  
'Symptoms of low blood pressure may be mild, such as feeling a little lightheaded. Occasionally they may be more severe, such as dizziness, ...', 'snippet\_highlighted\_words': ['Symptoms', 'blood pressure'],  
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Thought:What do you need help with? I have access to these 10 search results from Google. Please ask your question, and I'll do my best to provide an answer based on the available information.

Observation: Invalid Format: Missing 'Action:' after 'Thought':

Thought:I'm happy to assist! Since you're providing a list of search results from Google, I'll interpret your questions as requests for information or answers related to the topics presented in these search results.

Please go ahead and ask your question(s), and I'll do my best to provide an answer based on the available information.

Observation: Invalid Format: Missing 'Action:' after 'Thought':

Thought:

None of PyTorch, TensorFlow >= 2.0, or Flax have been found. Models won't be available and only tokenizers, configuration and file/data utilities can be used.

> Finished chain.

No search results found.

```
(venv) PS M:\agentZERO>
```