```python
import os
os.kill(os.getpid(), 9)  # 💥 Force restart runtime
```

```python
from agente.core.agent import Agent
from agente.core.task import Task
```

```
---------------------------------------------------------------------------
ModuleNotFoundError                       Traceback (most recent call last)
<ipython-input-1-3bf0f97d0bcb> in <cell line: 0>()
----> 1 from agente.core.agent import Agent
      2 from agente.core.task import Task

ModuleNotFoundError: No module named 'agente'

---------------------------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
---------------------------------------------------------------------------
```

[OPEN EXAMPLES]

```python
!git clone https://github.com/EmergenceAI/Agent-E.git
%cd Agent-E
```

```
fatal: destination path 'Agent-E' already exists and is not an empty directory.
/content/Agent-E
```

```python
import sys
sys.path.append('/content/Agent-E/src')  # ✅ Add where the actual Python files live
```

```python
from agente.core.agent import Agent
from agente.core.task import Task
```

```
                    ---------------------------------------------------------------------
ModuleNotFoundError                        Traceback (most recent call last)
<ipython-input-4-3bf0f97d0bcb> in <cell line: 0>()
----> 1 from agente.core.agent import Agent
        2 from agente.core.task import Task

ModuleNotFoundError: No module named 'agente'


                    ---------------------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
                    ---------------------------------------------------------------------
```

OPEN EXAMPLES

```python
import sys
sys.path.append('/content/Agent-E')
```

```python
from core.agent import Agent
from core.task import Task

print("✅ Agent-E core components imported successfully.")
```

```
                    -------------------------------------------------------
ModuleNotFoundError                           Traceback (most recent call last)
<ipython-input-6-a7f2a35d2b9b> in <cell line: 0>()
----> 1 from core.agent import Agent
      2 from core.task import Task
      3
      4 print("✅ Agent-E core components imported successfully.")

ModuleNotFoundError: No module named 'core'

-------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
-------------------------------------------------------
```

OPEN EXAMPLES

```
import sys
sys.path.append("/content/Agent-E")
```

```
!ls /content/Agent-E/core
```

```
ls: cannot access '/content/Agent-E/core': No such file or directory
```

```
!ls /content/Agent-E
```

```
ae                             CODE_OF_CONDUCT.md   LICENSE.txt        scripts
agente.egg-info                CONTRIBUTING.md      README.md          setup.py
agents_llm_config-example.json docs                 requirements.txt   test
build                          install.sh           run.sh             win_install.ps1
```

```
from ae.core.agent import Agent
from ae.core.task import Task
```

```
--------------------------------------------------------------------------
ModuleNotFoundError                       Traceback (most recent call last)
<ipython-input-10-963dbcb06d72> in <cell line: 0>()
----> 1 from ae.core.agent import Agent
      2 from ae.core.task import Task


                                 ⌃⌄ 3 frames
/content/Agent-E/ae/core/agents/browser_nav_agent.py in <module>
      5 from typing import Any
      6
----> 7 import autogen  # type: ignore
      8
      9 from ae.core.memory.static_ltm import get_user_ltm

ModuleNotFoundError: No module named 'autogen'

--------------------------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
--------------------------------------------------------------------------
```

[OPEN EXAMPLES]

```
!pip install pyautogen
```

```
Collecting pyautogen
  Downloading pyautogen-0.8.5-py3-none-any.whl.metadata (30 kB)
Requirement already satisfied: anyio<5.0.0,>=3.0.0 in /usr/local/lib/python3.11/dist-pack
Collecting asyncer==0.0.8 (from pyautogen)
  Downloading asyncer-0.0.8-py3-none-any.whl.metadata (6.7 kB)
Collecting diskcache (from pyautogen)
  Downloading diskcache-5.6.3-py3-none-any.whl.metadata (20 kB)
Collecting docker (from pyautogen)
  Downloading docker-7.1.0-py3-none-any.whl.metadata (3.8 kB)
Requirement already satisfied: httpx<1,>=0.28.1 in /usr/local/lib/python3.11/dist-package
Requirement already satisfied: packaging in /usr/local/lib/python3.11/dist-packages (from
Requirement already satisfied: pydantic<3,>=2.6.1 in /usr/local/lib/python3.11/dist-packa
Requirement already satisfied: python-dotenv in /usr/local/lib/python3.11/dist-packages (
Requirement already satisfied: termcolor in /usr/local/lib/python3.11/dist-packages (from
Requirement already satisfied: tiktoken in /usr/local/lib/python3.11/dist-packages (from
Requirement already satisfied: idna>=2.8 in /usr/local/lib/python3.11/dist-packages (from
Requirement already satisfied: sniffio>=1.1 in /usr/local/lib/python3.11/dist-packages (f
Requirement already satisfied: typing_extensions>=4.5 in /usr/local/lib/python3.11/dist-p
Requirement already satisfied: certifi in /usr/local/lib/python3.11/dist-packages (from h
Requirement already satisfied: httpcore==1.* in /usr/local/lib/python3.11/dist-packages (
Requirement already satisfied: h11<0.15,>=0.13 in /usr/local/lib/python3.11/dist-packages
Requirement already satisfied: annotated-types>=0.6.0 in /usr/local/lib/python3.11/dist-p
Requirement already satisfied: pydantic-core==2.33.0 in /usr/local/lib/python3.11/dist-pa
Requirement already satisfied: typing-inspection>=0.4.0 in /usr/local/lib/python3.11/dist
Requirement already satisfied: requests>=2.26.0 in /usr/local/lib/python3.11/dist-package
Requirement already satisfied: urllib3>=1.26.0 in /usr/local/lib/python3.11/dist-packages
Requirement already satisfied: regex>=2022.1.18 in /usr/local/lib/python3.11/dist-package
Requirement already satisfied: charset-normalizer<4,>=2 in /usr/local/lib/python3.11/dist
Downloading pyautogen-0.8.5-py3-none-any.whl (730 kB)
                                        ━━━━━━━━━━━━━━ 730.4/730.4 kB 16.2 MB/s eta 0:00:00
```

```
Downloading asyncer-0.0.8-py3-none-any.whl (9.2 kB)
Downloading diskcache-5.6.3-py3-none-any.whl (45 kB)
Downloading docker-7.1.0-py3-none-any.whl (147 kB)
Installing collected packages: diskcache, docker, asyncer, pyautogen
Successfully installed asyncer-0.0.8 diskcache-5.6.3 docker-7.1.0 pyautogen-0.8.5
```

```python
from ae.core.agent import Agent
from ae.core.task import Task
```

```
Created log folder at: /content/Agent-E/ae/log_files
Created temp folder at: /content/Agent-E/temp
---------------------------------------------------------------------------
ModuleNotFoundError                       Traceback (most recent call last)
<ipython-input-12-963dbcb06d72> in <cell line: 0>()
----> 1 from ae.core.agent import Agent
      2 from ae.core.task import Task


                              ⇕ 5 frames
─────────────────────                              ─────────────────────
/content/Agent-E/ae/utils/logger.py in <module>
      3
      4 from dotenv import load_dotenv
----> 5 from pythonjsonlogger import jsonlogger
      6
      7 # Load environment variables from a .env file

ModuleNotFoundError: No module named 'pythonjsonlogger'

---------------------------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
---------------------------------------------------------------------------
```

OPEN EXAMPLES

```
!pip install python-json-logger
```

```
Collecting python-json-logger
  Downloading python_json_logger-3.3.0-py3-none-any.whl.metadata (4.0 kB)
Downloading python_json_logger-3.3.0-py3-none-any.whl (15 kB)
Installing collected packages: python-json-logger
Successfully installed python-json-logger-3.3.0
```

```python
from ae.core.agent import Agent
from ae.core.task import Task
```

```
-----------------------------------------------------------------------
ModuleNotFoundError                       Traceback (most recent call last)
<ipython-input-14-963dbcb06d72> in <cell line: 0>()
----> 1 from ae.core.agent import Agent
      2 from ae.core.task import Task

                              ⌃⌄ 5 frames
───────────────────────────────────────────────────────────────────────
/content/Agent-E/ae/core/skills/click_using_selector.py in <module>
      4 from typing import Annotated
      5
----> 6 from playwright.async_api import ElementHandle
      7 from playwright.async_api import Page
      8

ModuleNotFoundError: No module named 'playwright'

-----------------------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
-----------------------------------------------------------------------
```

OPEN EXAMPLES

```
pip install playwright
```

```
Collecting playwright
  Downloading playwright-1.51.0-py3-none-manylinux1_x86_64.whl.metadata (3.5 kB)
Collecting pyee<13,>=12 (from playwright)
  Downloading pyee-12.1.1-py3-none-any.whl.metadata (2.9 kB)
Requirement already satisfied: greenlet<4.0.0,>=3.1.1 in /usr/local/lib/python3.11/dist-p
Requirement already satisfied: typing-extensions in /usr/local/lib/python3.11/dist-packag
Downloading playwright-1.51.0-py3-none-manylinux1_x86_64.whl (45.2 MB)
                                        45.2/45.2 MB 81.4 MB/s eta 0:00:00
Downloading pyee-12.1.1-py3-none-any.whl (15 kB)
Installing collected packages: pyee, playwright
Successfully installed playwright-1.51.0 pyee-12.1.1
```

```
from ae.core.agent import Agent
from ae.core.task import Task
```

```
---------------------------------------------------------------------------
ModuleNotFoundError                       Traceback (most recent call last)
<ipython-input-16-963dbcb06d72> in <cell line: 0>()
----> 1 from ae.core.agent import Agent
      2 from ae.core.task import Task

                              ↕ 4 frames
─────────────────────────────────────────────────────────────────────────
/content/Agent-E/ae/core/skills/pdf_text_extractor.py in <module>
      3
      4 import httpx
----> 5 import pdfplumber
      6
      7 from ae.config import PROJECT_TEMP_PATH

ModuleNotFoundError: No module named 'pdfplumber'

---------------------------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
---------------------------------------------------------------------------
```

OPEN EXAMPLES

```
pip install pdfplumber
```

```
Collecting pdfplumber
  Downloading pdfplumber-0.11.6-py3-none-any.whl.metadata (42 kB)
Collecting pdfminer.six==20250327 (from pdfplumber)
  Downloading pdfminer_six-20250327-py3-none-any.whl.metadata (4.1 kB)
Requirement already satisfied: Pillow>=9.1 in /usr/local/lib/python3.11/dist-packages (fr
Collecting pypdfium2>=4.18.0 (from pdfplumber)
  Downloading pypdfium2-4.30.1-py3-none-manylinux_2_17_x86_64.manylinux2014_x86_64.whl.me
Requirement already satisfied: charset-normalizer>=2.0.0 in /usr/local/lib/python3.11/dis
Requirement already satisfied: cryptography>=36.0.0 in /usr/local/lib/python3.11/dist-pac
Requirement already satisfied: cffi>=1.12 in /usr/local/lib/python3.11/dist-packages (fro
Requirement already satisfied: pycparser in /usr/local/lib/python3.11/dist-packages (from
Downloading pdfplumber-0.11.6-py3-none-any.whl (60 kB)
Downloading pdfminer_six-20250327-py3-none-any.whl (5.6 MB)
                                             5.6/5.6 MB 50.2 MB/s eta 0:00:00
Downloading pypdfium2-4.30.1-py3-none-manylinux_2_17_x86_64.manylinux2014_x86_64.whl (2.9
                                             2.9/2.9 MB 74.8 MB/s eta 0:00:00
Installing collected packages: pypdfium2, pdfminer.six, pdfplumber
Successfully installed pdfminer.six-20250327 pdfplumber-0.11.6 pypdfium2-4.30.1
```

```
from ae.core.agent import Agent
from ae.core.task import Task
```

```
---------------------------------------------------------------------
ModuleNotFoundError                       Traceback (most recent call last)
<ipython-input-18-963dbcb06d72> in <cell line: 0>()
----> 1 from ae.core.agent import Agent
      2 from ae.core.task import Task

ModuleNotFoundError: No module named 'ae.core.agent'

---------------------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
---------------------------------------------------------------------
```

OPEN EXAMPLES

```python
import sys
sys.path.append('/content/Agent-E')

from ae.core.agent import Agent
from ae.core.task import Task
```

```
---------------------------------------------------------------------
ModuleNotFoundError                       Traceback (most recent call last)
<ipython-input-19-41d9b0bafa79> in <cell line: 0>()
      2 sys.path.append('/content/Agent-E')
      3
----> 4 from ae.core.agent import Agent
      5 from ae.core.task import Task

ModuleNotFoundError: No module named 'ae.core.agent'

---------------------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
---------------------------------------------------------------------
```

OPEN EXAMPLES

```python
# STEP 1: Clone Agent-E
!git clone https://github.com/EmergenceAI/Agent-E.git
%cd Agent-E

# STEP 2: Install required packages
!pip install -e . --no-build-isolation

# STEP 3: Fix imports in Colab (point to /content/Agent-E/ae)
import sys
sys.path.append('/content/Agent-E')

# STEP 4: Test imports
from ae.core.agent import Agent
```

```
from ae.core.task import Task

print("✅ Agent-E core successfully imported in Colab.")
```

```
Cloning into 'Agent-E'...
remote: Enumerating objects: 4727, done.
remote: Counting objects: 100% (727/727), done.
remote: Compressing objects: 100% (240/240), done.
remote: Total 4727 (delta 554), reused 488 (delta 487), pack-reused 4000 (from 2)
Receiving objects: 100% (4727/4727), 207.89 MiB | 23.62 MiB/s, done.
Resolving deltas: 100% (3079/3079), done.
/content/Agent-E/Agent-E
Obtaining file:///content/Agent-E/Agent-E
  Checking if build backend supports build_editable ... done
ERROR: Exception:
Traceback (most recent call last):
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/cli/base_command.py", line
    status = _inner_run()
             ^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/cli/base_command.py", line
    return self.run(options, args)
           ^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/cli/req_command.py", line 6
    return func(self, options, args)
           ^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/commands/install.py", line
    requirement_set = resolver.resolve(
                      ^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/resol
    collected = self.factory.collect_root_requirements(root_reqs)
                ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/facto
    reqs = list(
           ^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/facto
    cand = self._make_base_candidate_from_link(
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/facto
    self._editable_candidate_cache[link] = EditableCandidate(
                                           ^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
    super().__init__(
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
    self.dist = self._prepare()
                ^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
    dist = self._prepare_distribution()
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
    return self._factory.preparer.prepare_editable_requirement(self._ireq)
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/operations/prepare.py", lin
    dist = _get_prepared_distribution(
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/operations/prepare.py", lin
    abstract_dist.prepare_distribution_metadata(
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/distributions/sdist.py", li
    self.req.prepare_metadata()
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/req/req_install.py", line 5
    and self.supports_pyproject_editable
        ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
```

STEP 1: Clone Agent-E
!git clone https://github.com/EmergenceAI/Agent-E.git

```
%cd Agent-E

# STEP 2: Install dependencies (clean)
!pip install --upgrade pip setuptools wheel
!pip install -e . --no-build-isolation

# STEP 3: Add Agent-E to PYTHONPATH manually
import sys
sys.path.append("/content/Agent-E")

# STEP 4: Test Agent-E imports
from ae.core.agent import Agent
from ae.core.task import Task

print("✅ Agent-E core components successfully imported!")
```

```
       15

ModuleNotFoundError: No module named 'ae.core.agent'

---------------------------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
---------------------------------------------------------------------------
```

OPEN EXAMPLES

```
Cloning into 'Agent-E'...
remote: Enumerating objects: 4727, done.
remote: Counting objects: 100% (727/727), done.
remote: Compressing objects: 100% (240/240), done.
remote: Total 4727 (delta 554), reused 488 (delta 487), pack-reused 4000 (from 2)
Receiving objects: 100% (4727/4727), 207.89 MiB | 24.25 MiB/s, done.
Resolving deltas: 100% (3079/3079), done.
/content/Agent-E/Agent-E/Agent-E
Requirement already satisfied: pip in /usr/local/lib/python3.11/dist-packages (25.0.1)
Requirement already satisfied: setuptools in /usr/local/lib/python3.11/dist-packages (78.
Requirement already satisfied: wheel in /usr/local/lib/python3.11/dist-packages (0.45.1)
Obtaining file:///content/Agent-E/Agent-E/Agent-E
  Checking if build backend supports build_editable ... done
ERROR: Exception:
Traceback (most recent call last):
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/cli/base_command.py", line
    status = _inner_run()
             ^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/cli/base_command.py", line
    return self.run(options, args)
           ^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/cli/req_command.py", line 6
    return func(self, options, args)
           ^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/commands/install.py", line
    requirement_set = resolver.resolve(
                      ^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/resol
    collected = self.factory.collect_root_requirements(root_reqs)
                ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/facto
    reqs = list(
           ^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/facto
    cand = self._make_base_candidate_from_link(
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/facto
    self._editable_candidate_cache[link] = EditableCandidate(
                                           ^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
    super().__init__(
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
    self.dist = self._prepare()
                ^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
    dist = self._prepare_distribution()
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
    return self._factory.preparer.prepare_editable_requirement(self._ireq)
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/operations/prepare.py", lin
    dist = _get_prepared_distribution(
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/operations/prepare.py", lin
    abstract_dist.prepare_distribution_metadata(
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/distributions/sdist.py", li
    self.req.prepare_metadata()
```

```
# STEP 1: Clone Agent-E
!git clone https://github.com/EmergenceAI/Agent-E.git
```

```
%cd Agent-E

# STEP 2: Install dependencies (clean)
!pip install --upgrade pip setuptools wheel
!pip install -e . --no-build-isolation

# STEP 3: Add Agent-E to PYTHONPATH manually
import sys
sys.path.append("/content/Agent-E")

# STEP 4: Test Agent-E imports
from ae.core.agent import Agent
from ae.core.task import Task

print("✅ Agent-E core components successfully imported!")
```

```
     12
     13 # STEP 4: Test Agent-E imports
---> 14 from ae.core.agent import Agent
     15 from ae.core.task import Task
     16

ModuleNotFoundError: No module named 'ae.core.agent'

---------------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
---------------------------------------------------------------
```

OPEN EXAMPLES

```
Cloning into 'Agent-E'...
remote: Enumerating objects: 4727, done.
remote: Counting objects: 100% (727/727), done.
remote: Compressing objects: 100% (240/240), done.
remote: Total 4727 (delta 554), reused 488 (delta 487), pack-reused 4000 (from 2)
Receiving objects: 100% (4727/4727), 207.89 MiB | 15.67 MiB/s, done.
Resolving deltas: 100% (3079/3079), done.
/content/Agent-E/Agent-E/Agent-E/Agent-E
Requirement already satisfied: pip in /usr/local/lib/python3.11/dist-packages (25.0.1)
Requirement already satisfied: setuptools in /usr/local/lib/python3.11/dist-packages (78.
Requirement already satisfied: wheel in /usr/local/lib/python3.11/dist-packages (0.45.1)
Obtaining file:///content/Agent-E/Agent-E/Agent-E/Agent-E
  Checking if build backend supports build_editable ... done
ERROR: Exception:
Traceback (most recent call last):
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/cli/base_command.py", line
    status = _inner_run()
             ^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/cli/base_command.py", line
    return self.run(options, args)
           ^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/cli/req_command.py", line 6
    return func(self, options, args)
           ^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/commands/install.py", line
    requirement_set = resolver.resolve(
                      ^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/resol
    collected = self.factory.collect_root_requirements(root_reqs)
                ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/facto
    reqs = list(
           ^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/facto
    cand = self._make_base_candidate_from_link(
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/facto
    self._editable_candidate_cache[link] = EditableCandidate(
                                           ^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
    super().__init__(
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
    self.dist = self._prepare()
                ^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
    dist = self._prepare_distribution()
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
    return self._factory.preparer.prepare_editable_requirement(self._ireq)
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/operations/prepare.py", lin
    dist = _get_prepared_distribution(
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/operations/prepare.py", lin
    abstract_dist.prepare_distribution_metadata(
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/distributions/sdist.py", li
    self.req.prepare_metadata()
```
`!ls /content/Agent-E/ae`

```
  File "/usr/lib/python3.11/functools.py", line 1001, in __get__
    val = self.func(instance)
          ^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_internal/req/req_install.py", line 2
```

!ls /content/Agent-E/ae/core

```
agents                               memory                        prompts.py          ui_manager.py
agents_llm_config.py  notification_manager.py  __pycache__
autogen_wrapper.py    playwright_manager.py     skills
__init__.py           post_process_responses.py  system_orchestrator.py
```

```
  File "/usr/local/lib/python3.11/dist-packages/pip/_vendor/pyproject_hooks/_impl.py", li
    return self._call_hook("_supported_features", {})
           ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
  File "/usr/local/lib/python3.11/dist-packages/pip/_vendor/pyproject_hooks/_impl.py", li
    raise BackendUnavailable(
pip._vendor.pyproject_hooks._impl.BackendUnavailable: Cannot import 'uv.build_api'
```

!ls /content/Agent-E/ae/core/agents

```
browser_nav_agent.py  high_level_planner_agent.py  __init__.py  __pycache__
```

```
12
13 # STEP 4: Test Agent-E imports
```

```python
import sys
sys.path.append('/content/Agent-E/ae')  # ✅ This is where ae/ lives
```

```python
from core.system_orchestrator import Agent, Task
```

```
---------------------------------------------------------------------------
ImportError                               Traceback (most recent call last)
<ipython-input-27-b5082cc73545> in <cell line: 0>()
----> 1 from core.system_orchestrator import Agent, Task

ImportError: cannot import name 'Agent' from 'core.system_orchestrator' (/content/Agent-
E/ae/core/system_orchestrator.py)

---------------------------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
---------------------------------------------------------------------------
```

[OPEN EXAMPLES]

!grep -r "class Agent" /content/Agent-E/ae

```
/content/Agent-E/ae/core/agents_llm_config.py:class AgentsLLMConfig:
```

!grep -r "class Task" /content/Agent-E/ae

!grep -r "class Tool" /content/Agent-E/ae

```
Ss%cd /content
!rm -rf Agent-E
!git clone https://github.com/EmergenceAI/Agent-E.git
%cd Agent-E
```

```
/content
Cloning into 'Agent-E'...
remote: Enumerating objects: 4727, done.
```

```
remote: Counting objects: 100% (727/727), done.
remote: Compressing objects: 100% (240/240), done.
remote: Total 4727 (delta 554), reused 488 (delta 487), pack-reused 4000 (from 2)
Receiving objects: 100% (4727/4727), 207.89 MiB | 25.75 MiB/s, done.
Resolving deltas: 100% (3079/3079), done.
/content/Agent-E
```

```
%%writefile setup.py
from setuptools import setup, find_packages

setup(
    name="agente",
    version="0.1",
    packages=find_packages(),
    install_requires=[
        "openai",
        "pydantic",
        "python-dotenv",
        "typer"
    ],
    entry_points={
        "console_scripts": [
            "agente=agente.cli:app",
        ]
    },
)
```

⇥ Writing setup.py

```
!rm pyproject.toml
```

```
!pip install .
```

⇥ Processing /content/Agent-E
    Preparing metadata (setup.py) ... done
  Requirement already satisfied: openai in /usr/local/lib/python3.11/dist-packages (from ag
  Requirement already satisfied: pydantic in /usr/local/lib/python3.11/dist-packages (from
  Requirement already satisfied: python-dotenv in /usr/local/lib/python3.11/dist-packages (
  Requirement already satisfied: typer in /usr/local/lib/python3.11/dist-packages (from age
  Requirement already satisfied: anyio<5,>=3.5.0 in /usr/local/lib/python3.11/dist-packages
  Requirement already satisfied: distro<2,>=1.7.0 in /usr/local/lib/python3.11/dist-package
  Requirement already satisfied: httpx<1,>=0.23.0 in /usr/local/lib/python3.11/dist-package
  Requirement already satisfied: jiter<1,>=0.4.0 in /usr/local/lib/python3.11/dist-packages
  Requirement already satisfied: sniffio in /usr/local/lib/python3.11/dist-packages (from o
  Requirement already satisfied: tqdm>4 in /usr/local/lib/python3.11/dist-packages (from op
  Requirement already satisfied: typing-extensions<5,>=4.11 in /usr/local/lib/python3.11/di
  Requirement already satisfied: annotated-types>=0.6.0 in /usr/local/lib/python3.11/dist-p
  Requirement already satisfied: pydantic-core==2.33.0 in /usr/local/lib/python3.11/dist-pa
  Requirement already satisfied: typing-inspection>=0.4.0 in /usr/local/lib/python3.11/dist
  Requirement already satisfied: click>=8.0.0 in /usr/local/lib/python3.11/dist-packages (f
  Requirement already satisfied: shellingham>=1.3.0 in /usr/local/lib/python3.11/dist-packa
  Requirement already satisfied: rich>=10.11.0 in /usr/local/lib/python3.11/dist-packages (
  Requirement already satisfied: idna>=2.8 in /usr/local/lib/python3.11/dist-packages (from
  Requirement already satisfied: certifi in /usr/local/lib/python3.11/dist-packages (from h
  Requirement already satisfied: httpcore==1.* in /usr/local/lib/python3.11/dist-packages (
  Requirement already satisfied: h11<0.15,>=0.13 in /usr/local/lib/python3.11/dist-packages
  Requirement already satisfied: markdown-it-py>=2.2.0 in /usr/local/lib/python3.11/dist-pa
  Requirement already satisfied: pygments<3.0.0,>=2.13.0 in /usr/local/lib/python3.11/dist-
  Requirement already satisfied: mdurl~=0.1 in /usr/local/lib/python3.11/dist-packages (fro
```

```
  Building wheels for collected packages: agente
    Building wheel for agente (setup.py) ... done
    Created wheel for agente: filename=agente-0.1-py3-none-any.whl size=90428 sha256=bd2c54
    Stored in directory: /root/.cache/pip/wheels/13/7a/0d/d686a82bc8fa4b6674cf0a52030b21136
  Successfully built agente
  Installing collected packages: agente
  Successfully installed agente-0.1
```

```python
import agente
from agente import core
from agente.core.agent import Agent
from agente.core.task import Task

print("✅ Agent-E core classes loaded successfully.")
```

```
---------------------------------------------------------------
ModuleNotFoundError                        Traceback (most recent call last)
<ipython-input-6-029ae1fd08c7> in <cell line: 0>()
----> 1 import agente
      2 from agente import core
      3 from agente.core.agent import Agent
      4 from agente.core.task import Task
      5

ModuleNotFoundError: No module named 'agente'

---------------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
---------------------------------------------------------------
```

OPEN EXAMPLES

```python
%cd /content
!rm -rf Agent-E
!git clone https://github.com/EmergenceAI/Agent-E.git
%cd Agent-E
```

```
/content
Cloning into 'Agent-E'...
remote: Enumerating objects: 4727, done.
remote: Counting objects: 100% (727/727), done.
remote: Compressing objects: 100% (240/240), done.
remote: Total 4727 (delta 554), reused 488 (delta 487), pack-reused 4000 (from 2)
Receiving objects: 100% (4727/4727), 207.89 MiB | 24.04 MiB/s, done.
Resolving deltas: 100% (3079/3079), done.
/content/Agent-E
```

```python
!pip install --no-use-pep517 .
```

```
Processing /content/Agent-E
ERROR: Disabling PEP 517 processing is invalid: project does not have a setup.py
```

```
!git clone https://github.com/EmergenceAI/Agent-E.git
%cd Agent-E
```

⤵ Cloning into 'Agent-E'...
    remote: Enumerating objects: 4727, done.
    remote: Counting objects: 100% (727/727), done.
    remote: Compressing objects: 100% (241/241), done.
    remote: Total 4727 (delta 554), reused 487 (delta 486), pack-reused 4000 (from 2)
    Receiving objects: 100% (4727/4727), 207.89 MiB | 26.42 MiB/s, done.
    Resolving deltas: 100% (3079/3079), done.
    /content/Agent-E

```
!sed -i 's/uv/setuptools/g' pyproject.toml
```

```
!pip install .
```

⤵ Processing /content/Agent-E
    Installing build dependencies ... done
    Getting requirements to build wheel ... done
    ERROR: Exception:
    Traceback (most recent call last):
      File "/usr/local/lib/python3.11/dist-packages/pip/_internal/cli/base_command.py", line
        status = _inner_run()
                 ^^^^^^^^^^^^
      File "/usr/local/lib/python3.11/dist-packages/pip/_internal/cli/base_command.py", line
        return self.run(options, args)
               ^^^^^^^^^^^^^^^^^^^^^^^^
      File "/usr/local/lib/python3.11/dist-packages/pip/_internal/cli/req_command.py", line 6
        return func(self, options, args)
               ^^^^^^^^^^^^^^^^^^^^^^^^^^
      File "/usr/local/lib/python3.11/dist-packages/pip/_internal/commands/install.py", line
        requirement_set = resolver.resolve(
                          ^^^^^^^^^^^^^^^^^^
      File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/resol
        collected = self.factory.collect_root_requirements(root_reqs)
                    ^^
      File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/facto
        reqs = list(
               ^^^^^
      File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/facto
        cand = self._make_base_candidate_from_link(
               ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
      File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/facto
        self._link_candidate_cache[link] = LinkCandidate(
                                           ^^^^^^^^^^^^^^
      File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
        super().__init__(
      File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
        self.dist = self._prepare()
                    ^^^^^^^^^^^^^^^
      File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
        dist = self._prepare_distribution()
               ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
      File "/usr/local/lib/python3.11/dist-packages/pip/_internal/resolution/resolvelib/candi
        return preparer.prepare_linked_requirement(self._ireq, parallel_builds=True)
               ^^
      File "/usr/local/lib/python3.11/dist-packages/pip/_internal/operations/prepare.py", lin
        return self._prepare_linked_requirement(req, parallel_builds)
```

```
                    ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
    File "/usr/local/lib/python3.11/dist-packages/pip/_internal/operations/prepare.py", lin
      dist = _get_prepared_distribution(
                ^^^^^^^^^^^^^^^^^^^^^^^^^
    File "/usr/local/lib/python3.11/dist-packages/pip/_internal/operations/prepare.py", lin
      abstract_dist.prepare_distribution_metadata(
    File "/usr/local/lib/python3.11/dist-packages/pip/_internal/distributions/sdist.py", li
      self._install_build_reqs(finder)
    File "/usr/local/lib/python3.11/dist-packages/pip/_internal/distributions/sdist.py", li
      build_reqs = self._get_build_requires_wheel()
                      ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
    File "/usr/local/lib/python3.11/dist-packages/pip/_internal/distributions/sdist.py", li
      return backend.get_requires_for_build_wheel()
                ^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^^
    File "/usr/local/lib/python3.11/dist-packages/pip/_internal/utils/misc.py", line 702, i
      return super() get requires for build wheel(config settings=cs)
```

```python
from google.colab import drive
drive.mount('/content/drive/')
```

> Drive already mounted at /content/drive/; to attempt to forcibly remount, call drive.moun

```python
import os


project_path = "/content/drive/MyDrive/resume_ai_agent"
os.makedirs(project_path, exist_ok=True)

print(f"✅ Project directory created at: {project_path}")
```

> ✅ Project directory created at: /content/drive/MyDrive/resume_ai_agent

```
pip install PyPDF2
```

> Requirement already satisfied: PyPDF2 in /usr/local/lib/python3.11/dist-packages (3.0.1)

```
pip install beautifulsoup4 requests
```

> Requirement already satisfied: beautifulsoup4 in /usr/local/lib/python3.11/dist-packages
> Requirement already satisfied: requests in /usr/local/lib/python3.11/dist-packages (2.32.
> Requirement already satisfied: soupsieve>1.2 in /usr/local/lib/python3.11/dist-packages (
> Requirement already satisfied: typing-extensions>=4.0.0 in /usr/local/lib/python3.11/dist
> Requirement already satisfied: charset-normalizer<4,>=2 in /usr/local/lib/python3.11/dist
> Requirement already satisfied: idna<4,>=2.5 in /usr/local/lib/python3.11/dist-packages (f
> Requirement already satisfied: urllib3<3,>=1.21.1 in /usr/local/lib/python3.11/dist-packa
> Requirement already satisfied: certifi>=2017.4.17 in /usr/local/lib/python3.11/dist-packa

```
pip install agente
```

> Collecting agente
>   Using cached agente-0.1.1-py3-none-any.whl.metadata (18 kB)
> Requirement already satisfied: litellm in /usr/local/lib/python3.11/dist-packages (from a
> Requirement already satisfied: pydantic in /usr/local/lib/python3.11/dist-packages (from
> Requirement already satisfied: langchain-core in /usr/local/lib/python3.11/dist-packages
> Requirement already satisfied: python-dotenv in /usr/local/lib/python3.11/dist-packages (
> Requirement already satisfied: gradio in /usr/local/lib/python3.11/dist-packages (from ag
> Requirement already satisfied: aiofiles<24.0,>=22.0 in /usr/local/lib/python3.11/dist-pac
> Requirement already satisfied: anyio<5.0,>=3.0 in /usr/local/lib/python3.11/dist-packages

```
Requirement already satisfied: fastapi<1.0,>=0.115.2 in /usr/local/lib/python3.11/dist-pa
Requirement already satisfied: ffmpy in /usr/local/lib/python3.11/dist-packages (from gra
Requirement already satisfied: gradio-client==1.8.0 in /usr/local/lib/python3.11/dist-pac
Requirement already satisfied: groovy~=0.1 in /usr/local/lib/python3.11/dist-packages (fr
Requirement already satisfied: httpx>=0.24.1 in /usr/local/lib/python3.11/dist-packages (
Requirement already satisfied: huggingface-hub>=0.28.1 in /usr/local/lib/python3.11/dist-
Requirement already satisfied: jinja2<4.0 in /usr/local/lib/python3.11/dist-packages (fro
Requirement already satisfied: markupsafe<4.0,>=2.0 in /usr/local/lib/python3.11/dist-pac
Requirement already satisfied: numpy<3.0,>=1.0 in /usr/local/lib/python3.11/dist-packages
Requirement already satisfied: orjson~=3.0 in /usr/local/lib/python3.11/dist-packages (fr
Requirement already satisfied: packaging in /usr/local/lib/python3.11/dist-packages (from
Requirement already satisfied: pandas<3.0,>=1.0 in /usr/local/lib/python3.11/dist-package
Requirement already satisfied: pillow<12.0,>=8.0 in /usr/local/lib/python3.11/dist-packag
Requirement already satisfied: pydub in /usr/local/lib/python3.11/dist-packages (from gra
Requirement already satisfied: python-multipart>=0.0.18 in /usr/local/lib/python3.11/dist
Requirement already satisfied: pyyaml<7.0,>=5.0 in /usr/local/lib/python3.11/dist-package
Requirement already satisfied: ruff>=0.9.3 in /usr/local/lib/python3.11/dist-packages (fr
Requirement already satisfied: safehttpx<0.2.0,>=0.1.6 in /usr/local/lib/python3.11/dist-
Requirement already satisfied: semantic-version~=2.0 in /usr/local/lib/python3.11/dist-pa
Requirement already satisfied: starlette<1.0,>=0.40.0 in /usr/local/lib/python3.11/dist-p
Requirement already satisfied: tomlkit<0.14.0,>=0.12.0 in /usr/local/lib/python3.11/dist-
Requirement already satisfied: typer<1.0,>=0.12 in /usr/local/lib/python3.11/dist-package
Requirement already satisfied: typing-extensions~=4.0 in /usr/local/lib/python3.11/dist-p
Requirement already satisfied: uvicorn>=0.14.0 in /usr/local/lib/python3.11/dist-packages
Requirement already satisfied: fsspec in /usr/local/lib/python3.11/dist-packages (from gr
Requirement already satisfied: websockets<16.0,>=10.0 in /usr/local/lib/python3.11/dist-p
Requirement already satisfied: annotated-types>=0.6.0 in /usr/local/lib/python3.11/dist-p
Requirement already satisfied: pydantic-core==2.33.0 in /usr/local/lib/python3.11/dist-pa
Requirement already satisfied: typing-inspection>=0.4.0 in /usr/local/lib/python3.11/dist
Requirement already satisfied: langsmith<0.4,>=0.1.125 in /usr/local/lib/python3.11/dist-
Requirement already satisfied: tenacity!=8.4.0,<10.0.0,>=8.1.0 in /usr/local/lib/python3.
Requirement already satisfied: jsonpatch<2.0,>=1.33 in /usr/local/lib/python3.11/dist-pac
Requirement already satisfied: aiohttp in /usr/local/lib/python3.11/dist-packages (from l
Requirement already satisfied: click in /usr/local/lib/python3.11/dist-packages (from lit
Requirement already satisfied: importlib-metadata>=6.8.0 in /usr/local/lib/python3.11/dis
Requirement already satisfied: jsonschema<5.0.0,>=4.22.0 in /usr/local/lib/python3.11/dis
Requirement already satisfied: openai>=1.68.2 in /usr/local/lib/python3.11/dist-packages
Requirement already satisfied: tiktoken>=0.7.0 in /usr/local/lib/python3.11/dist-packages
Requirement already satisfied: tokenizers in /usr/local/lib/python3.11/dist-packages (fro
Requirement already satisfied: idna>=2.8 in /usr/local/lib/python3.11/dist-packages (from
Requirement already satisfied: sniffio>=1.1 in /usr/local/lib/python3.11/dist-packages (f
Requirement already satisfied: certifi in /usr/local/lib/python3.11/dist-packages (from h
Requirement already satisfied: httpcore==1.* in /usr/local/lib/python3.11/dist-packages (
Requirement already satisfied: h11<0.15,>=0.13 in /usr/local/lib/python3.11/dist-packages
Requirement already satisfied: filelock in /usr/local/lib/python3.11/dist-packages (from
Requirement already satisfied: requests in /usr/local/lib/python3.11/dist-packages (from
Requirement already satisfied: tqdm>=4.42.1 in /usr/local/lib/python3.11/dist-packages (f
Requirement already satisfied: zipp>=3.20 in /usr/local/lib/python3.11/dist-packages (fro
Requirement already satisfied: jsonpointer>=1.9 in /usr/local/lib/python3.11/dist-package
```

```python
import os
```

```python
import requests
from bs4 import BeautifulSoup
from PyPDF2 import PdfReader
from urllib.parse import urlparse
import agente
```

```python
from agente.core import Agent, Task

def identify_sources(jobs):
    sources = set()
    for job in jobs:
        link = job.get("job_apply_link", "")
        domain = urlparse(link).netloc
        if domain:
            sources.add(domain)
    print("🔍 Job sources found:")
    for s in sources:
        print("•", s)


def extract_keywords_from_resume(resume_path):
    reader = PdfReader(resume_path)
    resume_text = " ".join(page.extract_text() for page in reader.pages if page.extract_text())
    words = resume_text.lower().split()
    keywords = list(set(word.strip(".,()") for word in words if len(word) > 4))
    return keywords[:20]


resume_agent = Agent(
    name="ResumeParser",
    goal="Extract keywords from uploaded resume.",
    tools=[extract_keywords_from_resume]
)


# --- 2. Extract keywords ---
def extract_keywords(resume_text):
    words = resume_text.lower().split()
    keywords = [word.strip(".,()") for word in words if len(word) > 4]
    return list(set(keywords))


# --- 3. Search jobs from Indeed ---

def search_jobs_with_api(user_keywords, location, query, country, language):
    print("obs.extend(search_jobs(keywords, position, location, countries, languages))")
    url = "https://jsearch.p.rapidapi.com/search"
    combined_query = f"{query} {' '.join(user_keywords)} {location}".strip()

    headers = {
        "X-RapidAPI-Key": "cb9cac225amshf0ccd5867ef7942p159e93jsncd4b0385f515",
        "X-RapidAPI-Host": "jsearch.p.rapidapi.com"
    }

    all_data = []  # ← collect results here

    for c in country:
        for l in language:
            params = {
                "query": combined_query,
                "page": "1",
                "num_pages": "1",
                "country": c,
                "language": l
            }

            try:
                response = requests.get(url, headers=headers, params=params)
                print(response)
                print("✅ STATUS:", response.status_code)   # <--- This will now show 200 if successf
```

```python
                print(" RAW RESPONSE:", response.text[:500])  # <--- Print first 500 chars
                data = response.json().get("data", [])
                print(data)
                all_data.extend(data)
            except Exception as e:
                print(" API ERROR:", e)

    return all_data


search_agent = Agent(
    name="JobSearcher",
    goal="Search for job listings using extracted keywords.",
    tools=[search_jobs_with_api]
)


def match_jobs_to_resume(keywords, jobs):
    matched = [job for job in jobs if any(kw.lower() in str(job).lower() for kw in keywords)]
    return matched


match_agent = Agent(
    name="JobMatcher",
    goal="Match jobs semantically with resume keywords.",
    tools=[match_jobs_to_resume]
)




def apply_to_jobs(jobs):
    for job in jobs:
        print(f" Applying to {job.get('job_title', 'N/A')} at {job.get('employer_name', 'N/A')}..."
        print(f" Location: {job.get('job_city', 'N/A')}, {job.get('job_country', 'N/A')}")
        print(f" Link: {job.get('job_apply_link', 'N/A')}\n")
        # Placeholder for real submission logic


apply_agent = Agent(
    name="JobApplier",
    goal="Apply to matched jobs with resume and generated cover letter.",
    tools=[apply_to_jobs]
)

def notify_stakeholder():
    print(" Notification sent to: ATUL.TEOTIA@TURACOZ.COM")
    # Future: integrate SMTP or Pushbullet


notify_agent = Agent(
    name="Notifier",
    goal="Notify stakeholder of job submissions.",
    tools=[notify_stakeholder]
)


# --- 5. Run everything ---
# main.py

from agente.core import Task

# Define the agent task cycle
job_task_cycle = Task(
    name="TURACOZ-AI Job Application Cycle",
    agents=[
```

```
        resume_agent,
        search_agent,
        match_agent,
        apply_agent,
        notify_agent
    ],
    cycles=1
)

if __name__ == "__main__":
    print("🚀 Starting TURACOZ AI Agent-E Job Cycle")
    job_task_cycle.run()
    print("✅ Finished job cycle.")
```

```
---------------------------------------------------------------------------
ImportError                               Traceback (most recent call last)
<ipython-input-11-4c1ea30dd1a1> in <cell line: 0>()
      4 from urllib.parse import urlparse
      5 import agente
----> 6 from agente.core import Agent, Task
      7
      8 def identify_sources(jobs):

ImportError: cannot import name 'Agent' from 'agente.core'
(/usr/local/lib/python3.11/dist-packages/agente/core/__init__.py)

---------------------------------------------------------------------------
NOTE: If your import is failing due to a missing package, you can
manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
"Open Examples" button below.
---------------------------------------------------------------------------
```

OPEN EXAMPLES

```
from agente import Agent, Tool, Task

class ExtractKeywordsTool(Tool):
    def run(self, resume_path):
        from PyPDF2 import PdfReader
        reader = PdfReader(resume_path)
        text = " ".join(p.extract_text() for p in reader.pages if p.extract_text())
        words = list(set(w.strip(".,()") for w in text.lower().split() if len(w) > 4))
        return words[:20]

class ResumeAgent(Agent):
    def run(self, resume_path):
        tool = ExtractKeywordsTool()
        return tool.run(resume_path)


class JobSearchTool(Tool):
    def run(self, keywords):
        import requests
        url = "https://jsearch.p.rapidapi.com/search"
        headers = {
            "X-RapidAPI-Key": "cb9cac225amshf0ccd5867ef7942p159e93jsncd4b0385f515",
            "X-RapidAPI-Host": "jsearch.p.rapidapi.com"
```

```python
        }
        params = {
            "query": f"{' '.join(keywords)} data scientist remote",
            "page": "1",
            "num_pages": "1",
            "country": "us",
            "language": "en"
        }
        response = requests.get(url, headers=headers, params=params)
        return response.json().get("data", [])

class SearchAgent(Agent):
    def run(self, keywords):
        tool = JobSearchTool()
        return tool.run(keywords)

# Define your task flow
class JobCycle(Task):
    def run(self):
        print("🚀 Agent-E Task Starting")
        resume_agent = ResumeAgent()
        search_agent = SearchAgent()

        keywords = resume_agent.run("data/resume.pdf")
        jobs = search_agent.run(keywords)

        for job in jobs[:3]:
            print(f"📌 {job['job_title']} at {job['employer_name']}")
            print(f"🔗 {job['job_apply_link']}\n")

        print("✅ Done.")

if __name__ == "__main__":
    JobCycle().run()
```

```
---------------------------------------------------------------------------
ImportError                               Traceback (most recent call last)
<ipython-input-13-8130867c6430> in <cell line: 0>()
----> 1 from agente import Agent, Tool, Task
      2
      3 class ExtractKeywordsTool(Tool):
      4     def run(self, resume_path):
      5         from PyPDF2 import PdfReader

ImportError: cannot import name 'Agent' from 'agente' (/usr/local/lib/python3.11/dist-
packages/agente/__init__.py)

---------------------------------------------------------------------------
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manually install dependencies using either !pip or !apt.

To view examples of installing some common dependencies, click the
```