

Project Github: <https://github.com/sunnysavita10/automated-research-report-generation>

Command for UV:

1. uv --version
2. If uv is not there then install the uv
3. pip install uv
4. Once you got the uv
5. Write this command- uv init <project_name>
6. Open the project in VS Code

You can also take an alternative approach

1. First, create a new folder
2. Open it inside VS Code
3. Over the VS Code terminal, write this command: uv init

To create a virtual environment, follow the command below

You can simply write-> uv venv for creating a virtual environment

It will create a virtual env with the default name .venv (this will be the name of the env)

If you want to create with a custom name, follow the command below

uv python list

uv venv <your-env-name> --python <your-python-version>

Activate the environment

.venv\Scripts\activate.bat

Note: If it is a custom env then copy the path from that folder

uv add -r requirements.txt

uv add ipykernel

Website for getting Tavilay API key for search the web

<https://app.tavily.com/home>

#26-Oct-2025

##steps for running the application

1. Install the requirements.txt and update your virtual env
uv pip install -r requirements.txt

2. commad for running the api

uvicorn research_and_analyst.api.main:app --reload

uvicorn research_and_analyst.api.main:app --host 0.0.0.0 --port 8000

TO check the record in the [user.db](#) install this extension in vscode: **SQLite Viewer**