

Instructions to begin use of TrueDoor

Application:

Step 1. Install Repository from GitHub

Link: <https://github.com/felixArbucias/TrueDoor>

Step 2. Install frontend dependencies (cd Frontend)

Enter into the frontend folder. After, enter this into the terminal window:

'npm install'

Step 3. Create and activate the virtual environment

Enter into the backend folder (cd Backend)

Then enter the following commands in the terminal:

'Python -m venv venv'

'Source venv/bin/activate'

Step 4. Install backend dependencies

In the backend folder, enter this command in the terminal window:

'pip install requirements.txt'

Step 5. Enter the API keys

After retrieving the necessary API keys (see API section for more information), you must enter the API keys in the [config.py](#) file.

Step 6. Unload the Chrome Extension

Enter the frontend directory and open a terminal window:

Enter 'npm run dev'

To load the chrome extension for testing, open Google Chrome -> Extensions ->

Developer Mode -> Load unpacked -> Select ChromeExtension folder.

The popup will call the frontend/backend endpoints (if they are running).

API Keys:

There are two API keys that are required for successful usage of TrueDoor.

ATOMM API

<https://api.developer.attomdata.com/home>

Home Harvest

<https://github.com/ZacharyHampton/HomeHarvest>

An application is required to retrieve an API key.

Testing

After inputting API keys, ensure that the backend is running. To check if calls are being made and successfully returned, run this in the terminal:

```
'curl http://localhost:5001/' - this should return {status": "ok"}
```

If using the frontend (chrome extension) then it should simply fetch information from the backend and display the results.

For missing API keys:

- Gemini_API_Key missing: Gemini-based estimates disabled; code logs a warning but lookups still work
- MCP_API_Key: Lookups will fail; Check logs for network errors and ensure the key is valid for the MCP base URL in [config.py](#)
- CORS: Backend uses flask_cors with permissive settings; frontend running on localhost:3000 should be allowed
- Ports in use: If 5001 or 3000 taken, set FLASK_PORT or change Vite port (via npm/Vite config)
- Python package versions: if install failures occur, ensure your python version matches 3.10+).