📥 Installation & Usage

Follow these steps to get up and running with AI Resume Analyzer.

**1. Prerequisites**

- \*\*Python 3.8+\*\* installed and added to your PATH

- \*\*Git\*\* (optional, for cloning)

- A terminal (PowerShell, Git Bash, or bash on macOS/Linux)

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**2. Download & Setup**

```bash

# Clone the repository (or unzip the downloaded archive)

git clone https://github.com/castomaster/resume-analyzer.git

cd resume-analyzer

**3. (Optional) Create & Activate a Virtual Environment**

It’s recommended to isolate dependencies in a venv.

**Windows (PowerShell):**

python -m venv .venv

.\.venv\Scripts\Activate.ps1

**macOS / Linux:**

python3 -m venv .venv

source .venv/bin/activate

**4. Install Dependencies**

pip install --upgrade pip

pip install -r requirements.txt

**5. Download spaCy Model**

python -m spacy download en\_core\_web\_sm

**6. Usage**

**A) Web UI (Streamlit)**

streamlit run App.py

* Once the server starts, open your browser to <http://localhost:8501>

**B) Command‑Line Interface (CLI)**

# Analyze a single résumé

python src/resume\_analyzer.py sample/resume.pdf --job\_file sample/jd.txt

# Analyze all résumés in a folder

python src/resume\_analyzer.py sample/ --batch --job\_file sample/jd.txt

**🎉 That’s it!**

You’re ready to use AI Resume Analyzer—either via the web GUI or directly in your terminal.  
Check out the **sample/** folder for example résumés and job descriptions.