Physician Finder Notes:

- **VPL** (Verified Physicians List) and **NPPL** (Non-Physician Practitioner List) - from CMS -- see db tables (SQL queries)

- NPPES https://npiregistry.cms.hhs.gov/search
  API: https://npiregistry.cms.hhs.gov/api-page
  See **NPPES** database table (SQL queries)

- See list in 'US_Physician_License_Lookup.xlsx' (Google Spreadsheet)
  https://docs.google.com/spreadsheets/d/1hR6tNF2NGaopXDtd8zNM_uw1X5lVmMK3/edit?usp=sharing&ouid=115972501006796392088&rtpof=true&sd=true

- https://www.docinfo.org/

- Use Node.js with Puppeteer (headless browser)

- Starter Script:

  Here's a working starter you can run locally. It searches FSMB's DocInfo (all states) and includes pluggable stubs to automate specific state portals later.

  ⬇️ Download the starter project (ZIP) -

  https://drive.google.com/file/d/1ieTFos6QtFnAHIxk3SeLHg6g5Ie2SRGS/view?usp=sharing

  Quick start:

  1. Unzip and cd into `physician_lookup_aggregator/`.
  2. `pip install -r requirements.txt && python -m playwright install`
  3. Example run (DocInfo aggregator only):

  ```
  python app.py --first "john" --last "smith" --out results.xlsx
  ```

  4. You'll get a normalized spreadsheet with columns like `full_name`, `status`, `profile_url`, etc.
  5. Add states via adapters when ready, e.g.:

  ```
  python app.py --first "john" --last "smith" --states "FL,TX" --out results.xlsx
  ```

  (FL/TX are included as adapter stubs you can flesh out with Playwright steps.)

  Notes:

  - Some state sites use CAPTCHAs/session tokens; the stubs show the flow, but you may need human-in-the-loop or to respect rate limits and ToS.