**I'm continuing work on my Clinical Trial Extractor. Here's the context:**

**Project Location:** C:\Users\terli\ClinicalTrialExtractor

**GitHub:** <https://github.com/terlinge/clinical-trial-extractor>

**Current Branch:** reviewer-feature (main branch is safe at v1.0-safe)

**What's Working:**

* PDF extraction using PDFPlumber, Camelot, OCR, and GPT-4
* PostgreSQL database storing all extracted data
* Excel export with 9 comprehensive sheets (fixed type conversion issues)
* UI with transparent confidence scores showing how they're calculated
* Re-extraction from stored PDF blobs
* 3-tab interface (Extract, Library, Compare)

**Tech Stack:**

* Backend: Flask (app.py - 1400+ lines)
* Frontend: Single HTML file (templates/index.html - 900+ lines)
* Database: PostgreSQL (database name: postgres)
* Python env: venv activated

**Recent Changes:**

* Fixed Excel export to include ALL data (was only exporting 4 fields)
* Added safe type conversion for adverse events percentages
* Made confidence scores transparent with breakdown
* Moved "Extract Another Study" buttons to top of page

**Current Issue/Next Task:** [Describe what you want to work on]

**CRITICAL INSTRUCTIONS FOR CLAUDE:**

**ARTIFACT RULES - NEVER VIOLATE THESE:**

1. **ALWAYS create complete file artifacts** - NEVER give me snippets to copy/paste
2. If modifying app.py or index.html, create THE ENTIRE FILE in an artifact
3. I will NEVER manually copy/paste code snippets - I only replace whole files
4. Don't ask "should I create an artifact?" - just do it
5. Don't say "replace lines X-Y with..." - give me the COMPLETE file

**WORKING STYLE:**

* I'm direct and hate fluff - skip pleasantries, get to the solution
* I get frustrated with conversation limits and incomplete answers
* I want working code, not explanations of what might work
* When something breaks, I want the fix immediately, not debugging steps
* I know my code works - the extraction is solid, database is good

**MY ENVIRONMENT:**

* Windows 11, PowerShell terminal
* Can run: python app.py to test
* Database: PostgreSQL (already set up and working)
* Virtual env: venv\Scripts\activate
* I don't really understand Git but I follow exact commands

**WHAT I VALUE:**

* Complete, working solutions (not partial fixes)
* Transparency (like how the confidence scores now show their calculation)
* Clear separation in UI (like moving new study buttons to the top)
* Comprehensive data export (all 9 sheets in Excel, not just 4 fields)

**NEVER:**

* Give me code snippets to insert manually
* Ask if I want an artifact - just create it
* Give me multiple options - just tell me the best way
* Explain Git theory - just give me the exact commands

**Files:** Just app.py and templates/index.html contain everything. Both are large but self-contained.

**Even More Direct Version:**

"Continue my clinical trial extractor. Location: C:\Users\terli\ClinicalTrialExtractor. Branch: reviewer-feature. Flask/PostgreSQL. CRITICAL: Only create COMPLETE FILE artifacts, never snippets. I replace whole files only. Current task: [your task]"

**Your Simple Rules Going Forward**

1. **ALWAYS work on reviewer-feature** - Never touch main until you're 100% ready
2. **Commit often** on reviewer-feature: git commit -am "description" then git push origin reviewer-feature
3. **When EVERYTHING works perfectly** and you're totally done: