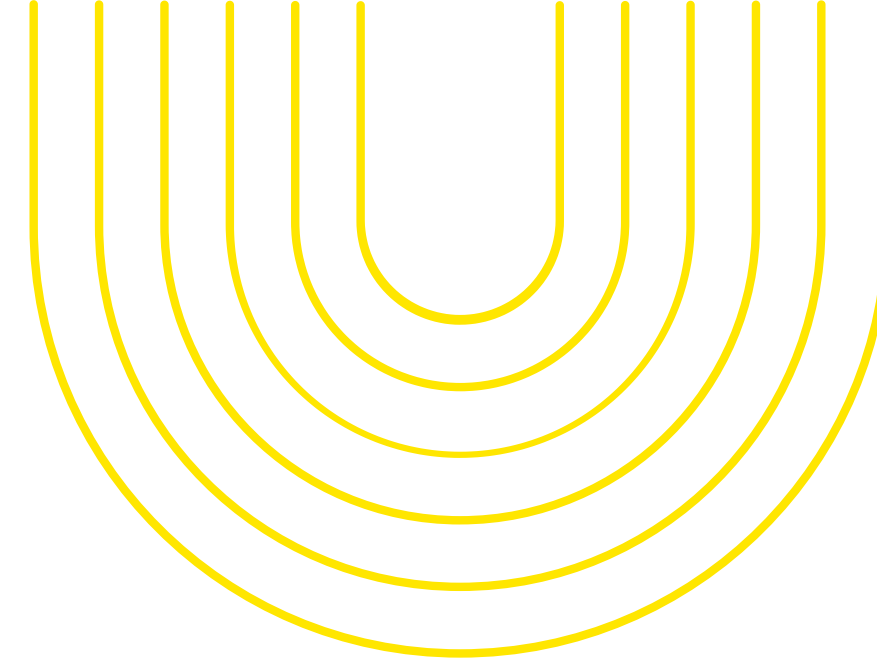




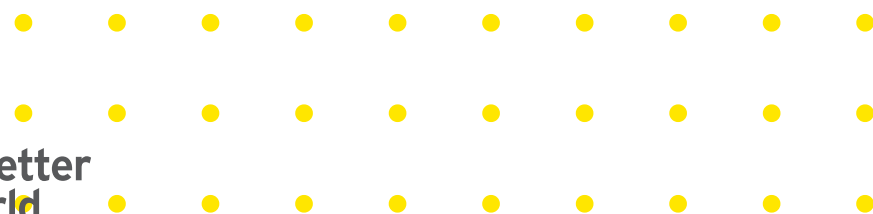
AUTOMATED M&A DEAL ASSESSMENT FRAMEWORK

~Shreya Singh

M&A Deal Assessment POC *(HDFC)*

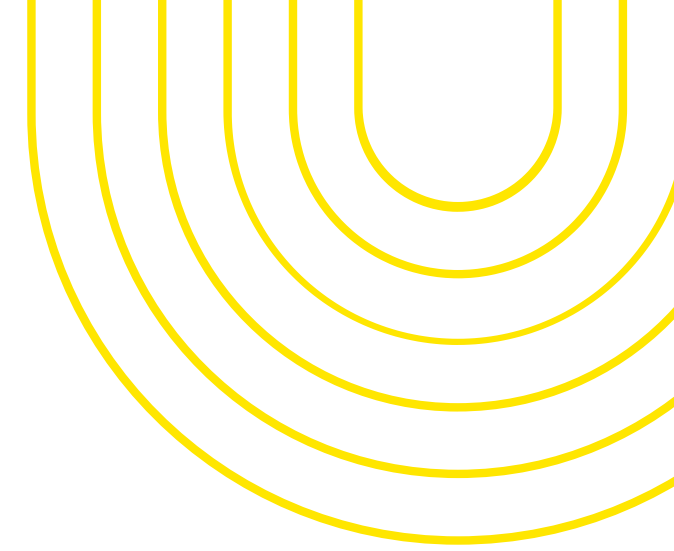
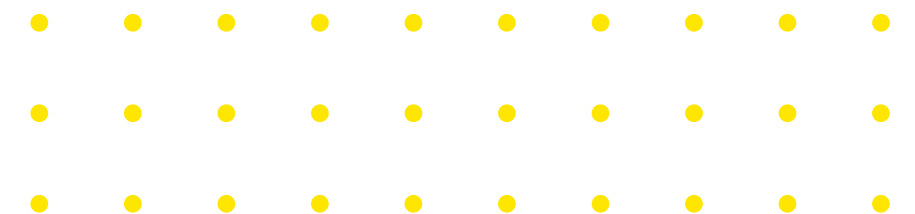


- Automating SEBI Financial Review with LLM Agents
- Quick POC to check M&A readiness
- Using SEBI filings + lightweight Python agents
- Built for clean, structured pre-deal analysis



WHAT WE BUILT

- Three lightweight agents:
- PDF Extractor Agent: Reads SEBI PDFs, extracts clean text
- Red Flag Detector Agent: Flags missing data, financial swings, governance mentions
- Report Generator Agent: Summarises into a clear M&A readiness report
- Tech: Python, CrewAI, OpenAI GPT-3.5, PyMuPDF



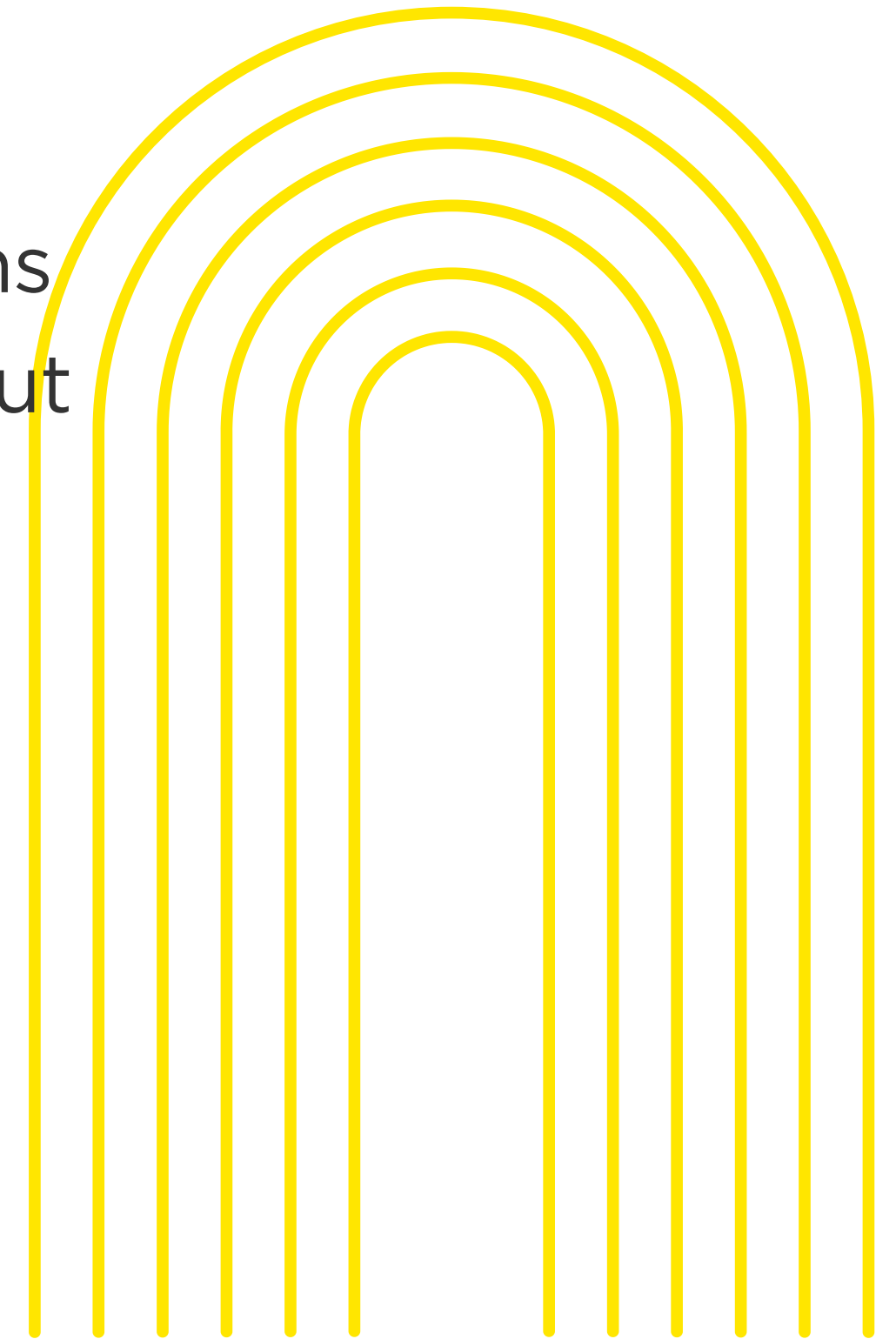
HOW IT WORKS

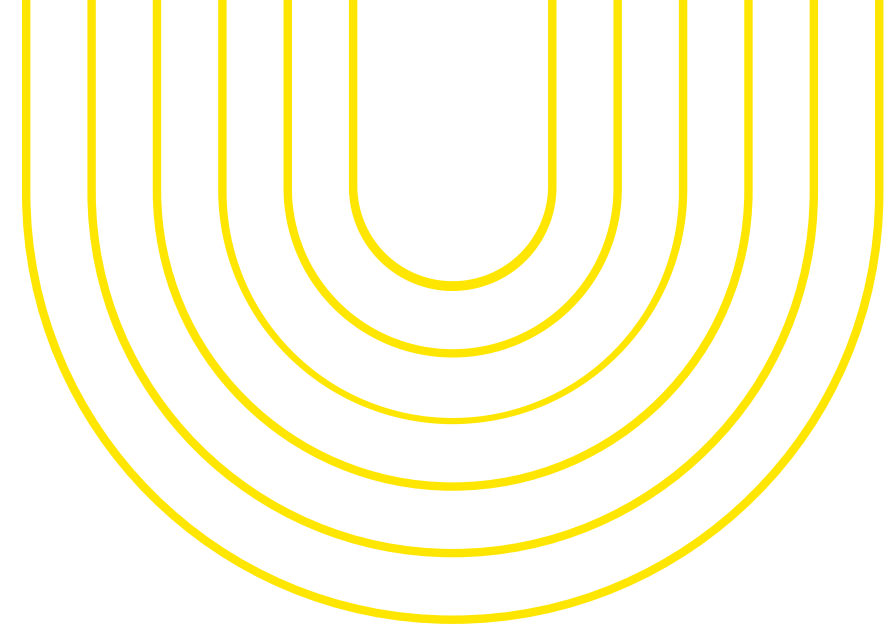
- **Input:**

- SEBI financial PDFs downloaded manually
- Extraction: PyMuPDF parses 60+ page PDFs
- Red Flags: GPT checks for anomalies, missing sections
- Report: Generates clear insights + optional PDF output

- **Outcome:**

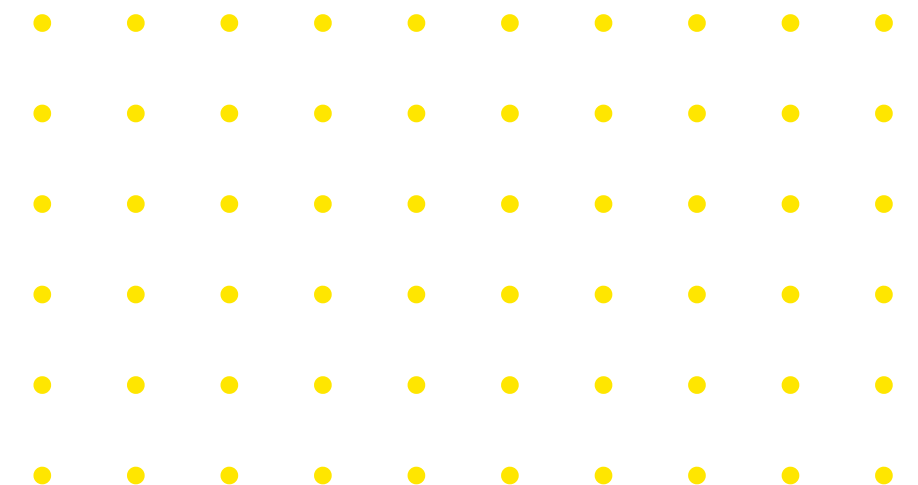
- HDFC financials stable, flagged minor items
- Saves hours in initial screening
- Ready for M&A pipeline integration



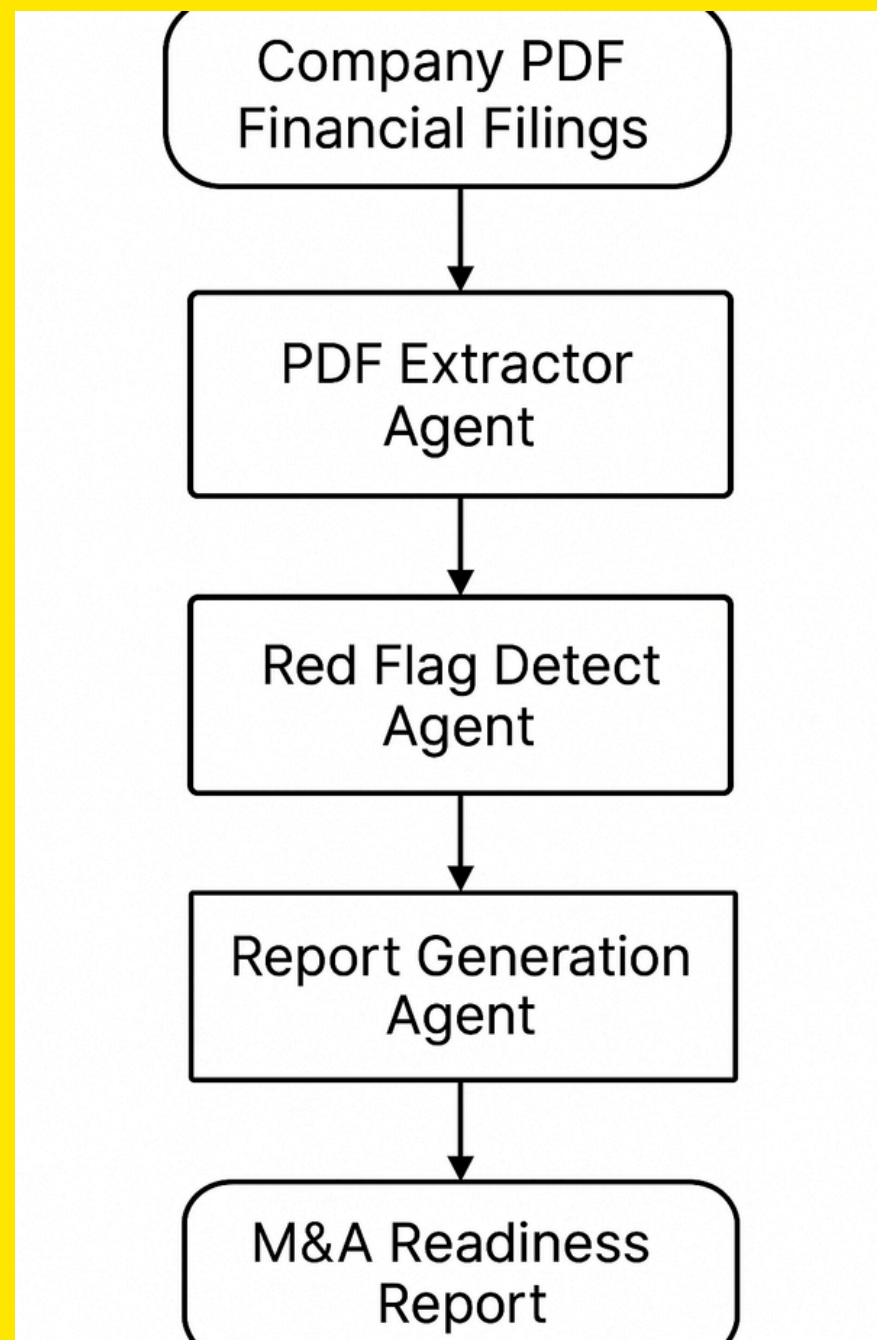


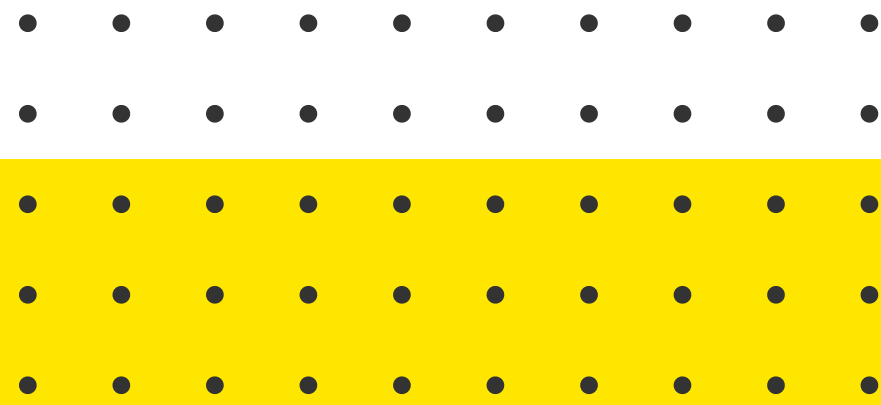
NEXT STEPS

- Add financial ratio analysis for deeper checks
- Auto-trigger on new SEBI filings
- Link to NDA/SPA checks when deal progresses
- **Goal:** Clean, fast, automated M&A readiness pipeline without heavy manual work



AUTONOMOUS DEAL ASSESSMENT FRAMEWORK (M&A DEAL REVIEW BOT) FLOWCHART





THANK YOU

