

Docket Lens

An agentic AI regulatory intelligence tool with an open-source retrieval server and an interactive Explorer.

Getting started

A practical guide for creating and sharing a docket analysis

Try the public demo: docketlens.blackswancausallabs.com

GitHub and installation instructions: [Black-Swan-Causal-Labs/regintel-mcp](https://github.com/Black-Swan-Causal-Labs/regintel-mcp)

1 Install and connect

You need **Python 3.11+**, Git and an MCP-compatible AI application. Clone the project and install its dependencies:

```
git clone https://github.com/Black-Swan-Causal-Labs/regintel-mcp.git
cd regintel-mcp
python3 -m venv .venv
.venv/bin/pip install -e .
cp .env.example .env
```

Request a free **Regulations.gov API key** via open.gsa.gov/api/regulationsgov. Add it to your local `.env` file as `REGULATIONS_GOV_API_KEY=your_key_here`. Keep the file private. Follow the GitHub README to register the MCP server with your AI application. **No API key is needed to view the public demo.**

2 Run the analysis with human checkpoints

Choose a docket with draft and final guidance. Follow the repository's [docket-analysis workflow](#). If its command is installed in your AI application, run `/docket-analysis FDA-2020-D-2307`, replacing the example docket ID as needed.

The workflow retrieves documents and comments, proposes submitter categories and a theme codebook, extracts requests, then compares them with final guidance. **You approve the source selection, classifications and codebook, and review sampled judgments.** The MCP server supplies retrieval tools; the complete analysis also needs the project's model instructions and your review.

3 Build and view your own Explorer

After the workflow produces and validates `analysis.json`, run these commands from the project folder. Replace the example ID with your docket ID in both lines:

```
.venv/bin/python scripts/build_explorer.py FDA-2020-D-2307
python3 -m http.server 8000 --directory explorer/FDA-2020-D-2307
```

Open <http://localhost:8000> to review who commented, what they requested and how the final guidance compares. Hosting the generated Explorer on Cloudflare Pages or another static host is optional.

Before sharing: Check the evidence and retain corrections. Concordance with final text does not establish that a comment caused a change. This workflow requires some technical setup and active human review.

Licensing: Retrieval server: MIT. Explorer: PolyForm Noncommercial. Review the repository's license terms before reuse.