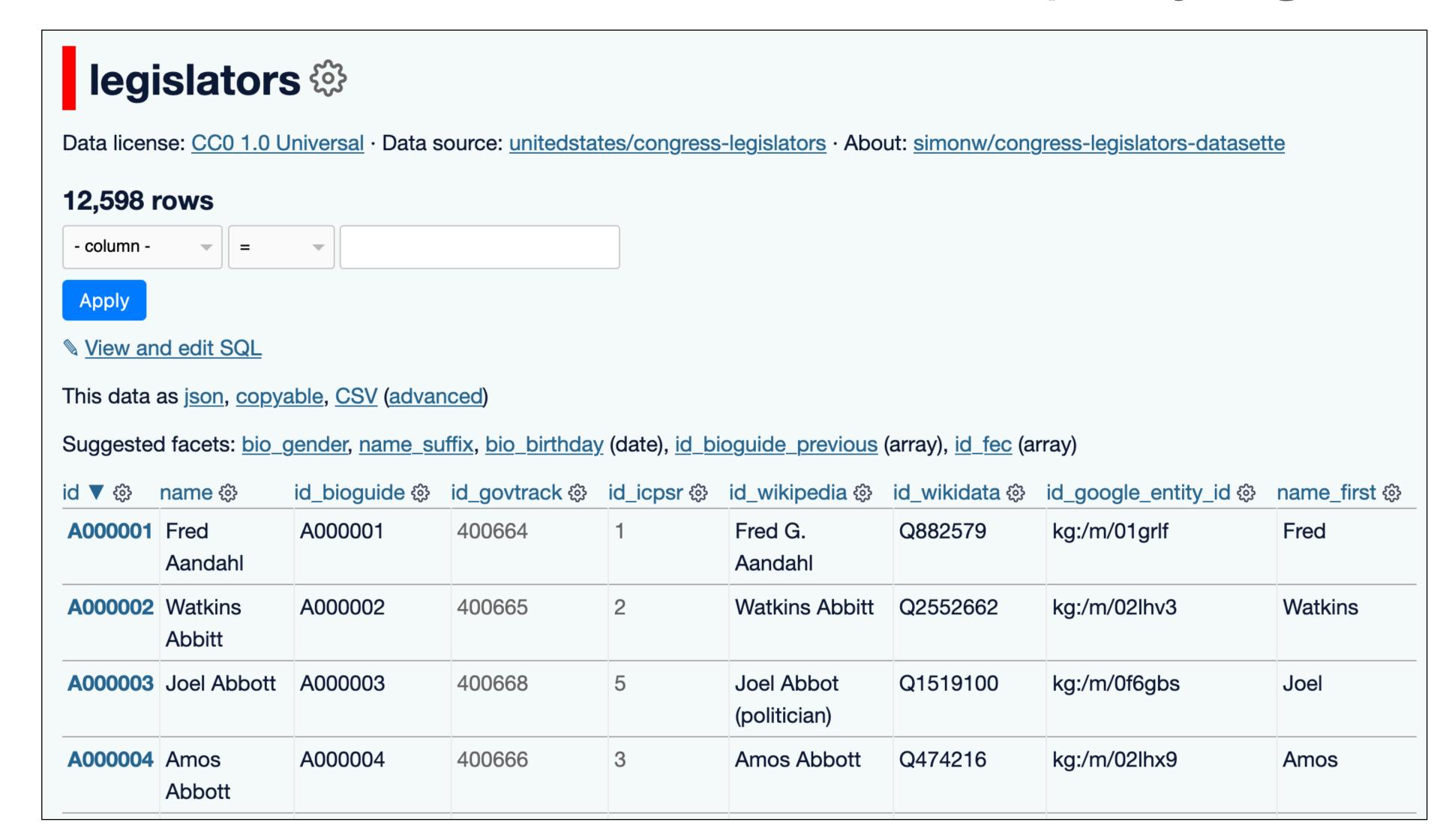


An ecosystem of tools for finding stories in data

Datasette

Datasette is a tool for exploring and publishing data. It helps data journalists (and everyone else) take data of any shape, analyze and explore it, and publish it as an interactive website and accompanying API.



Datasette has over 180 plugins adding features for visualizing, editing and transforming data.

- datasette-cluster-map
- datasette-graphql
- datasette-publish-cloudrun
- datasette-comments
- datasette-query-assistant
- datasette-extract

datasette.io

sqlite-utils

manipulating SQLite databases. It aims to make the gap from "I have data" to "that data is in SQLite" as small as possible.

```
from sqlite utils import Database
db = Database("chickens.db")
db.table("chickens").insert_all([{
    "name": "Lila",
    "color": "blue",
    "name": "Suna",
    "color": "gold",
    "name": "Snowy",
    "color": "white",
}])
db.table("chickens").enable fts(
    ["name", "color"]
```

And in the terminal:

```
sqlite-utils transform places.db \
  roadside attractions
    --rename pk id \
    --default name Untitled \
    --drop address
```

sqlite-utils.datasette.io

LLM

sqlite-utils is a Python library and CLI tool for LLM is a Python library and CLI tool for interacting with Large Language Models. It provides a plugin-based abstraction over hundreds of different models, both local and hosted, and logs every interaction with them to SQLite.

> LLMs are proficient at SQL and extremely good at extracting structured data from unstructured text, images and documents.

> LLM's asyncio Python library powers several Datasette plugins, including datasette-query-assistant, datasetteenrichments and datasette-extract

```
llm -m claude-3.5-haiku --functions '
import re
def extract numbers(s):
  return re.findall(
    r''(d+((,d+)?)'', s
  -f https://datasette.io/ \
  'extract and explain numbers'
```

Ilm.datasette.io