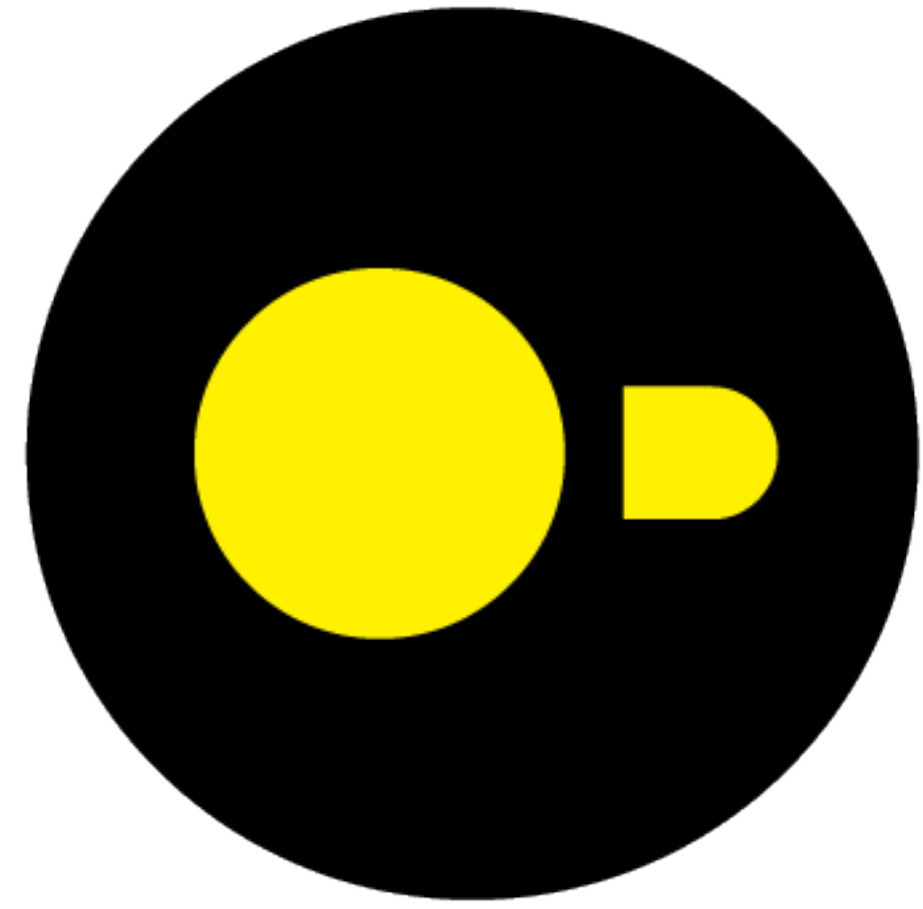
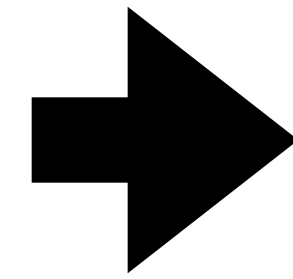


# DuckDB in the Wild



**DuckDB**

Data **Fear**



Data **Confidence**

User  
Experience



DBMS  
Engine





**Fast**





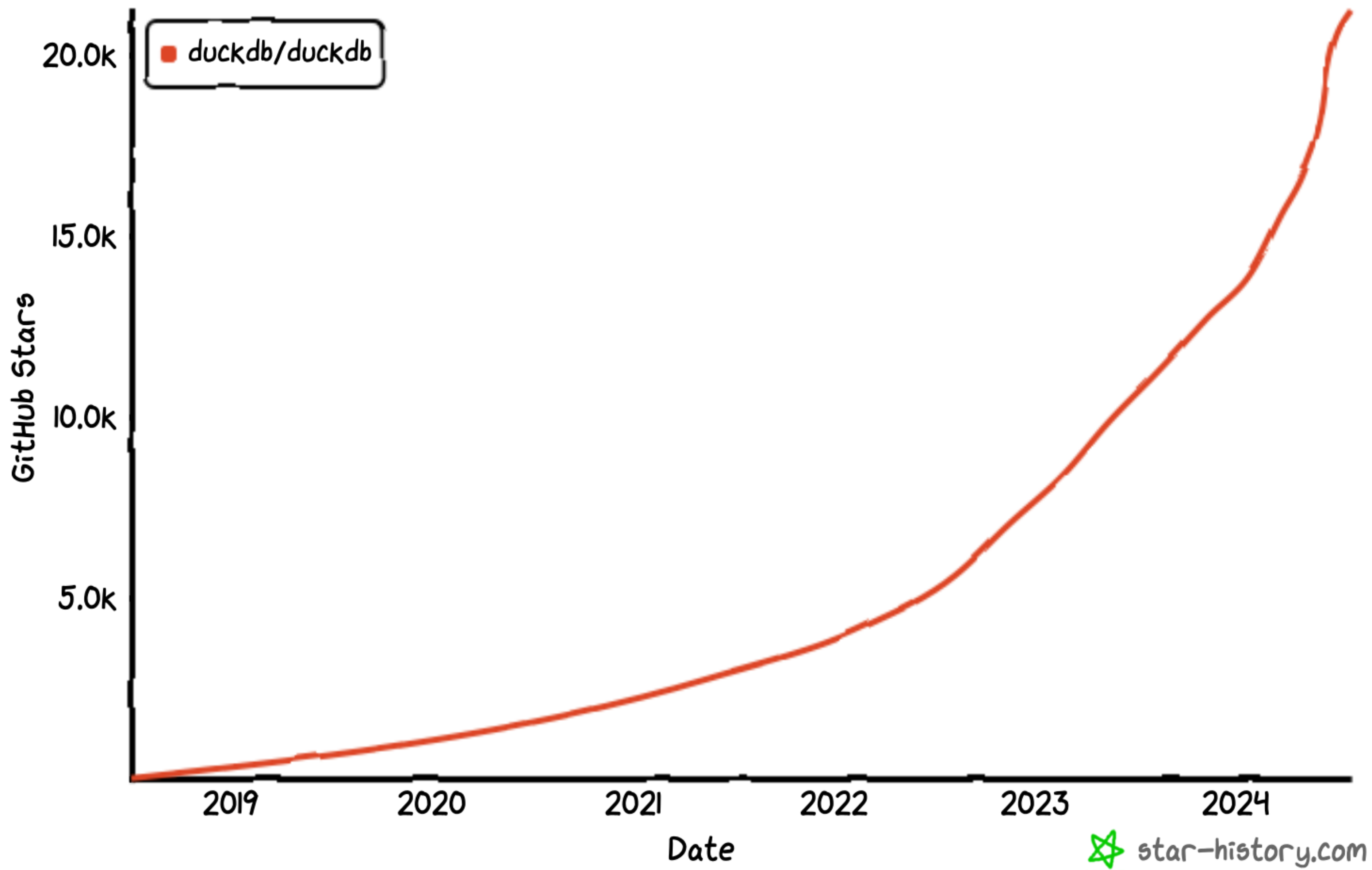
**Alexander Doria**

@Dorialexander

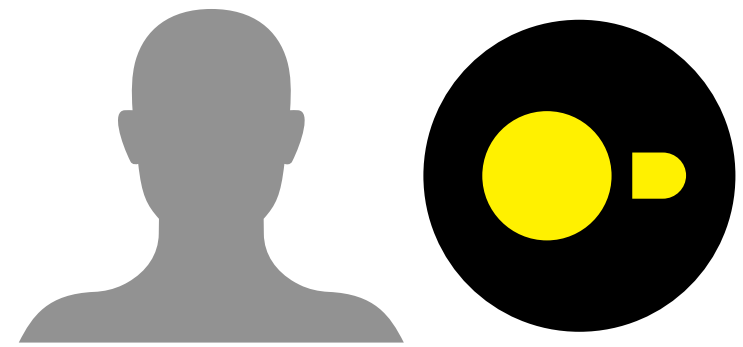
AI aside, [@duckdb](#) is probably the most magical piece of technology of recent years.

8:37 AM · Aug 14, 2024 · **5,312** Views

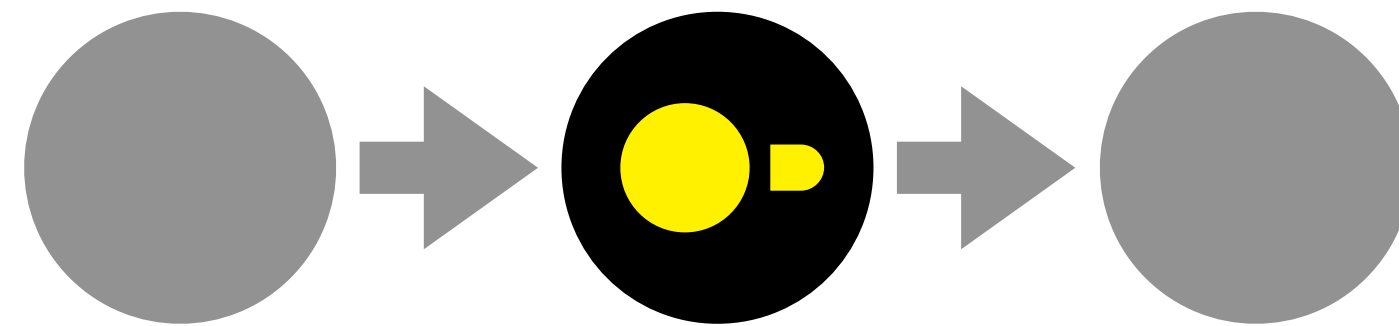
**Free!**



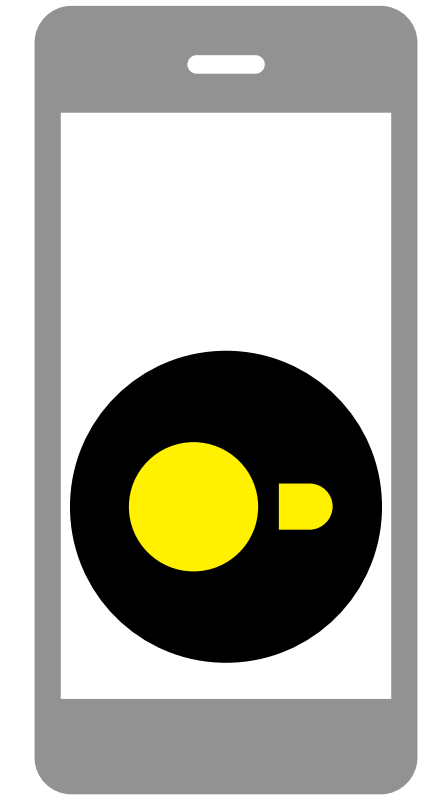
# Interactive Analysis

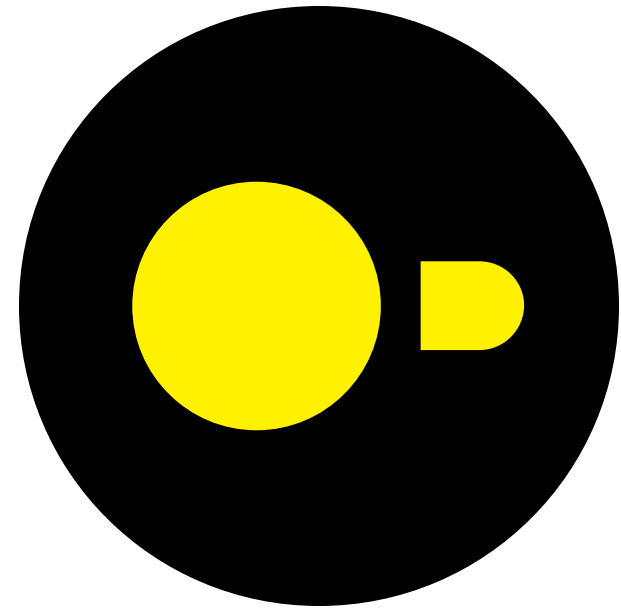


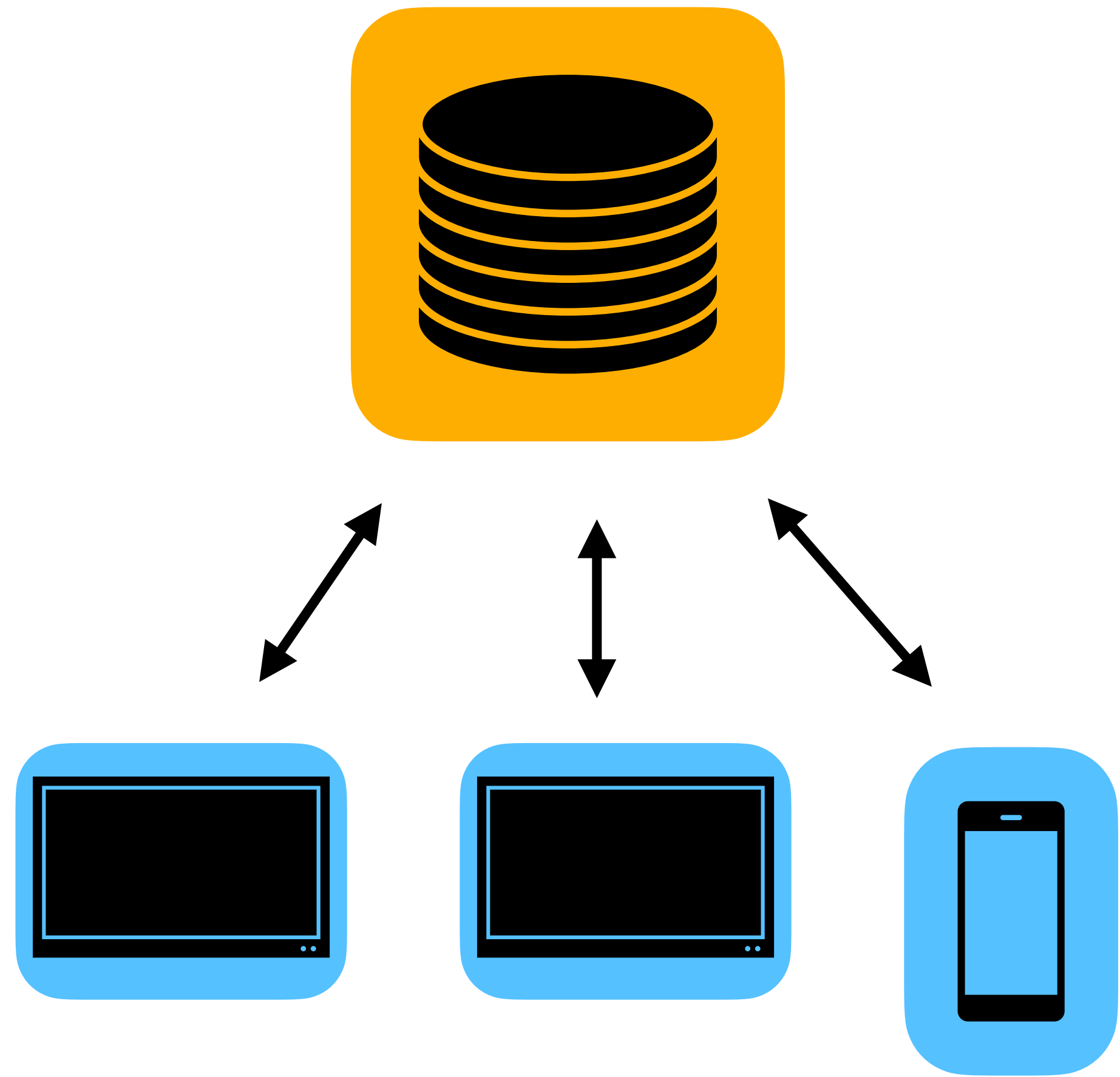
# Pipeline Component

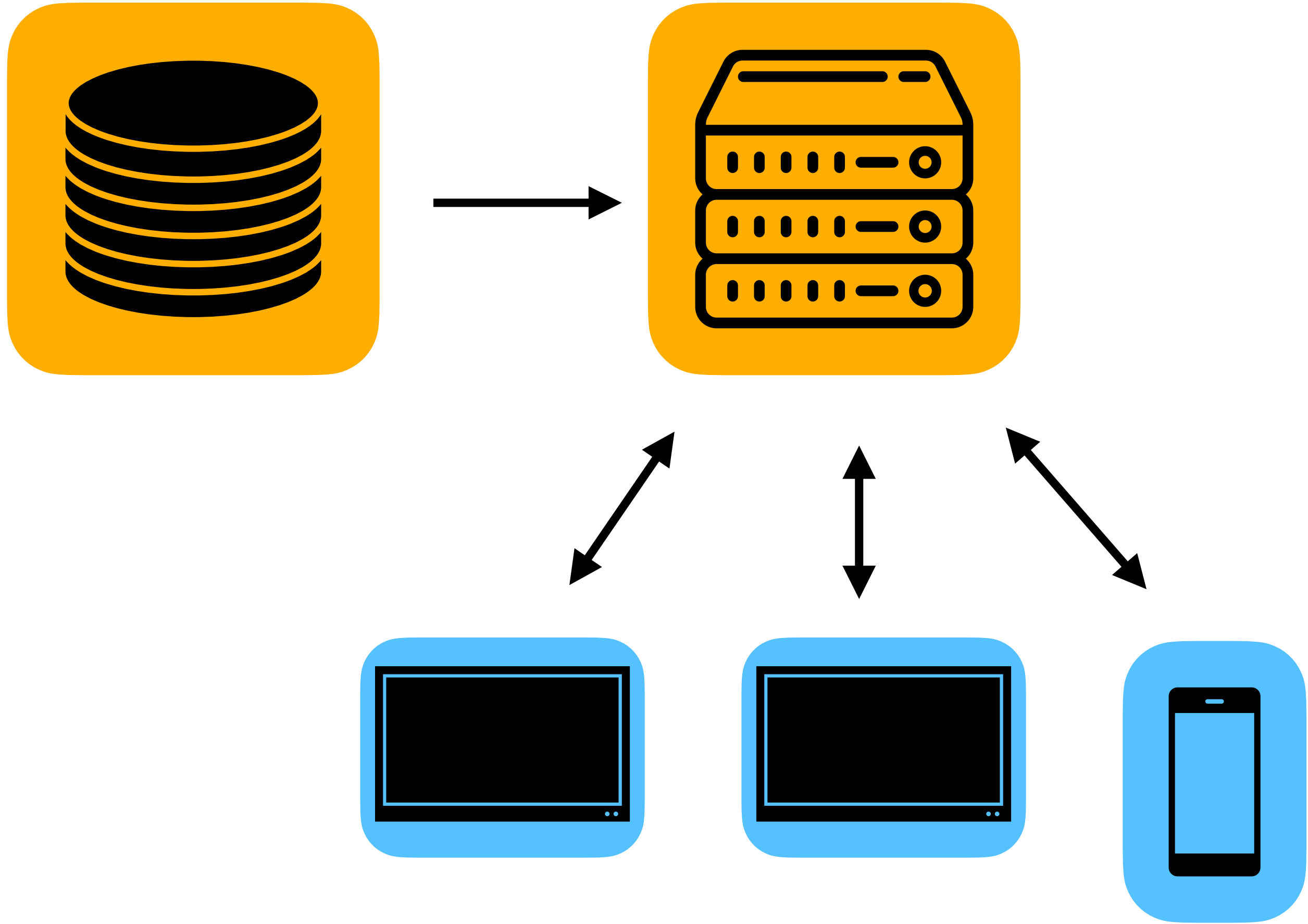


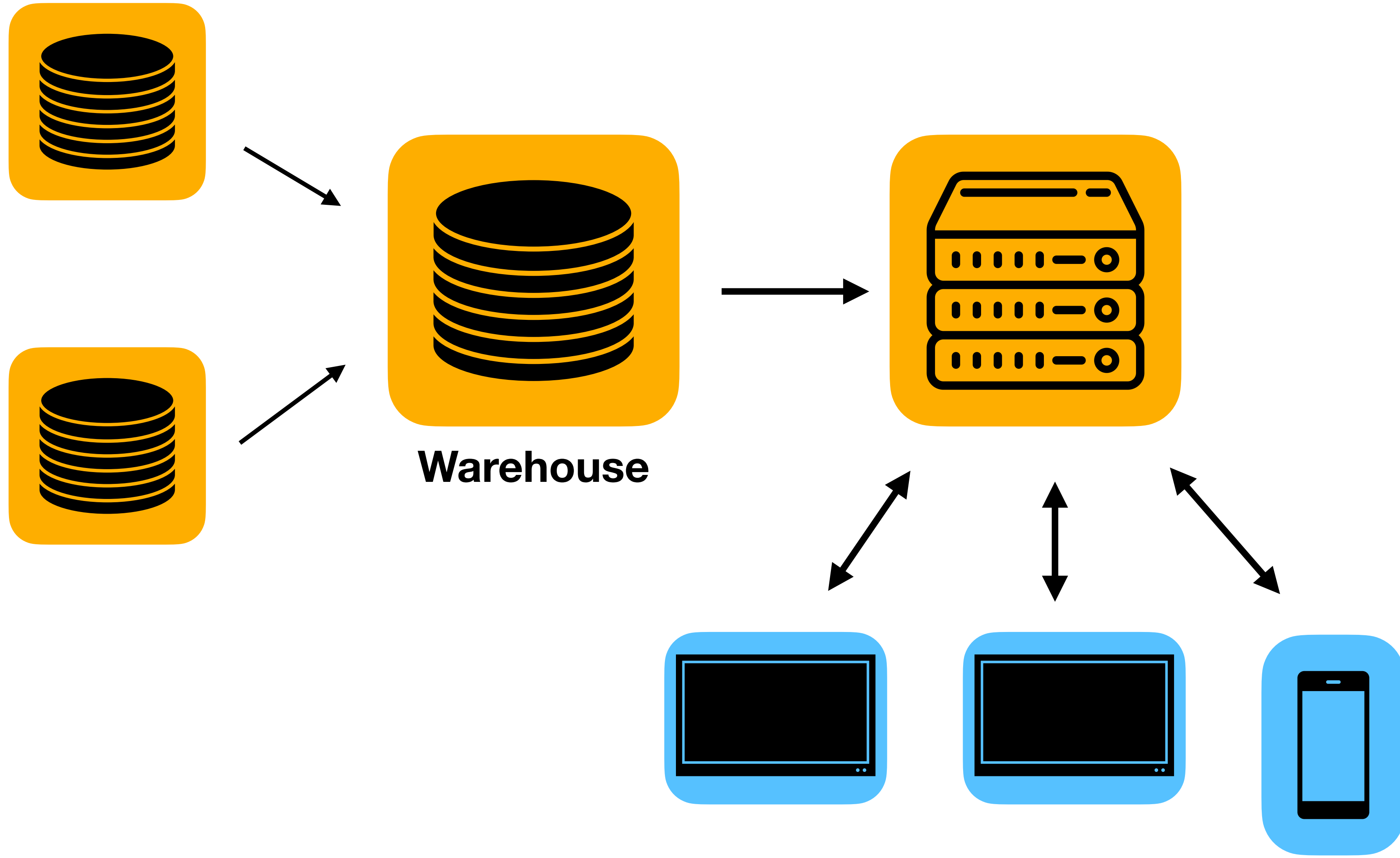
# “Creative” Architecture



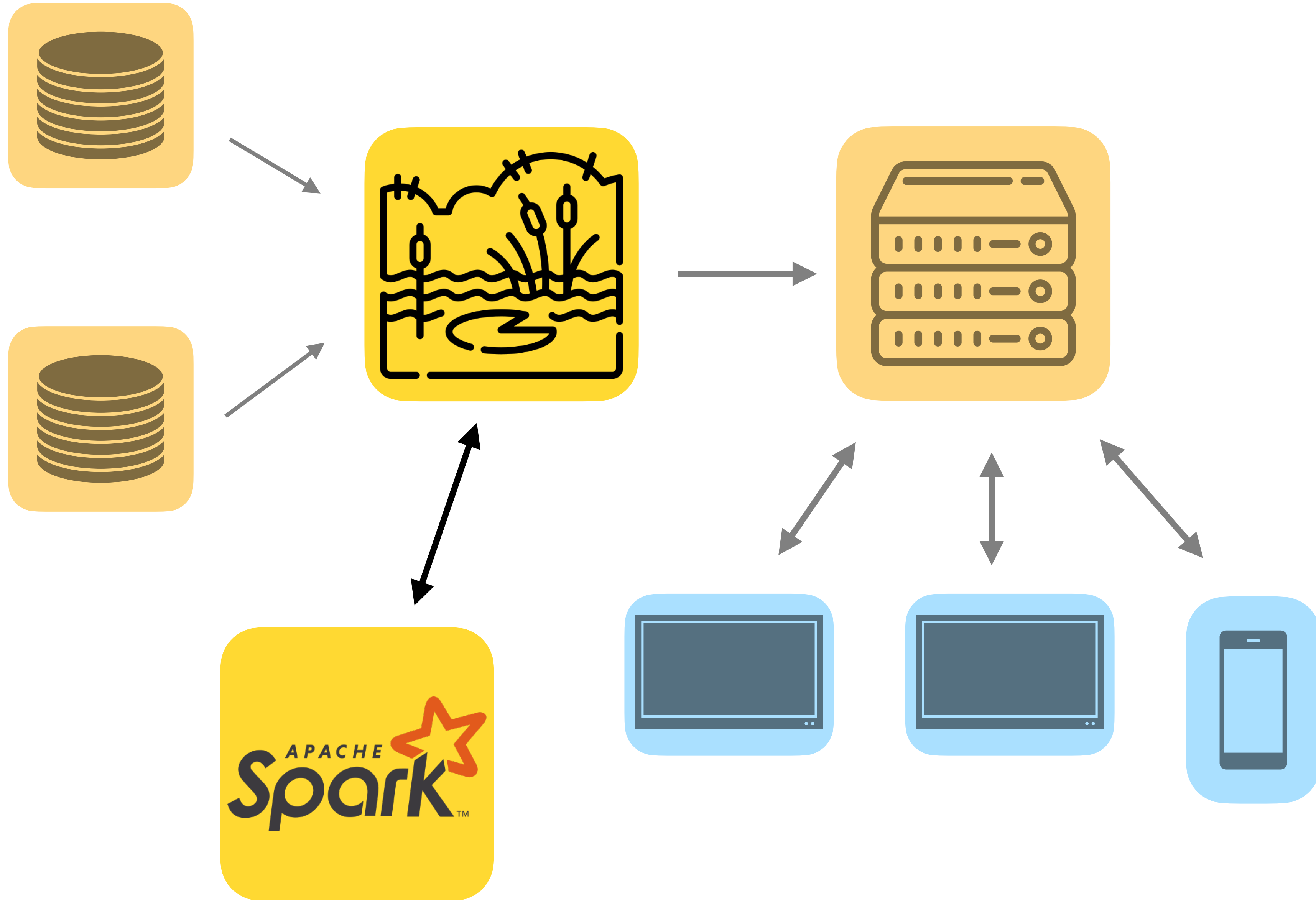


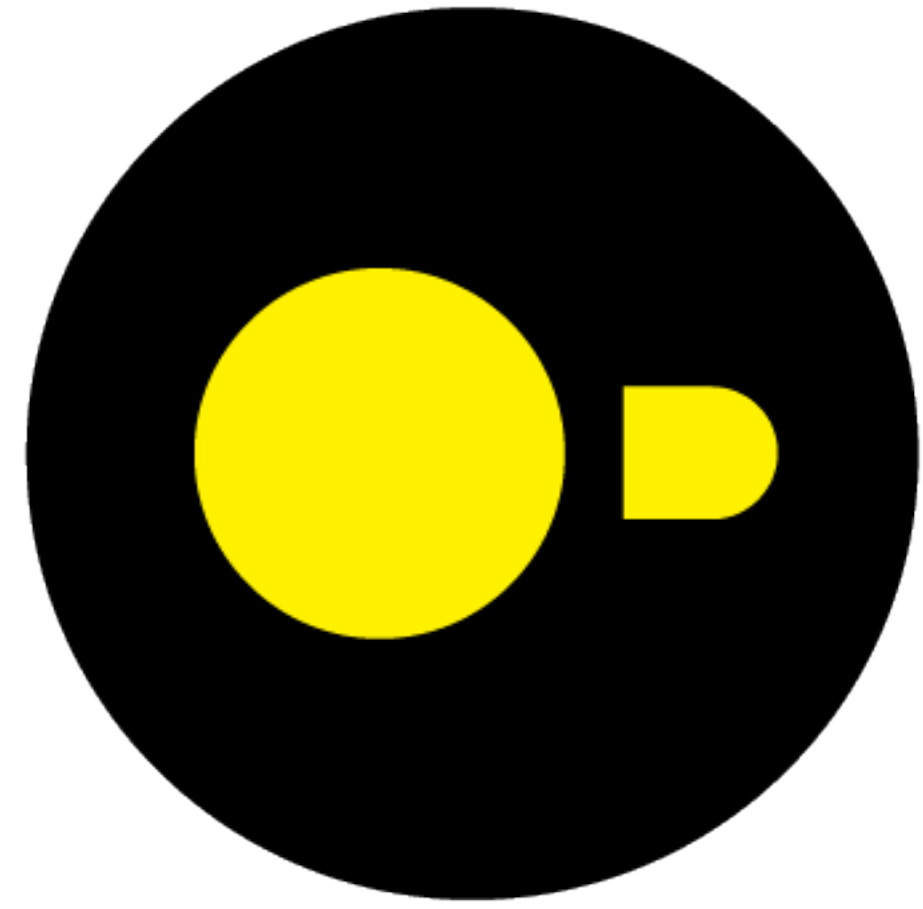




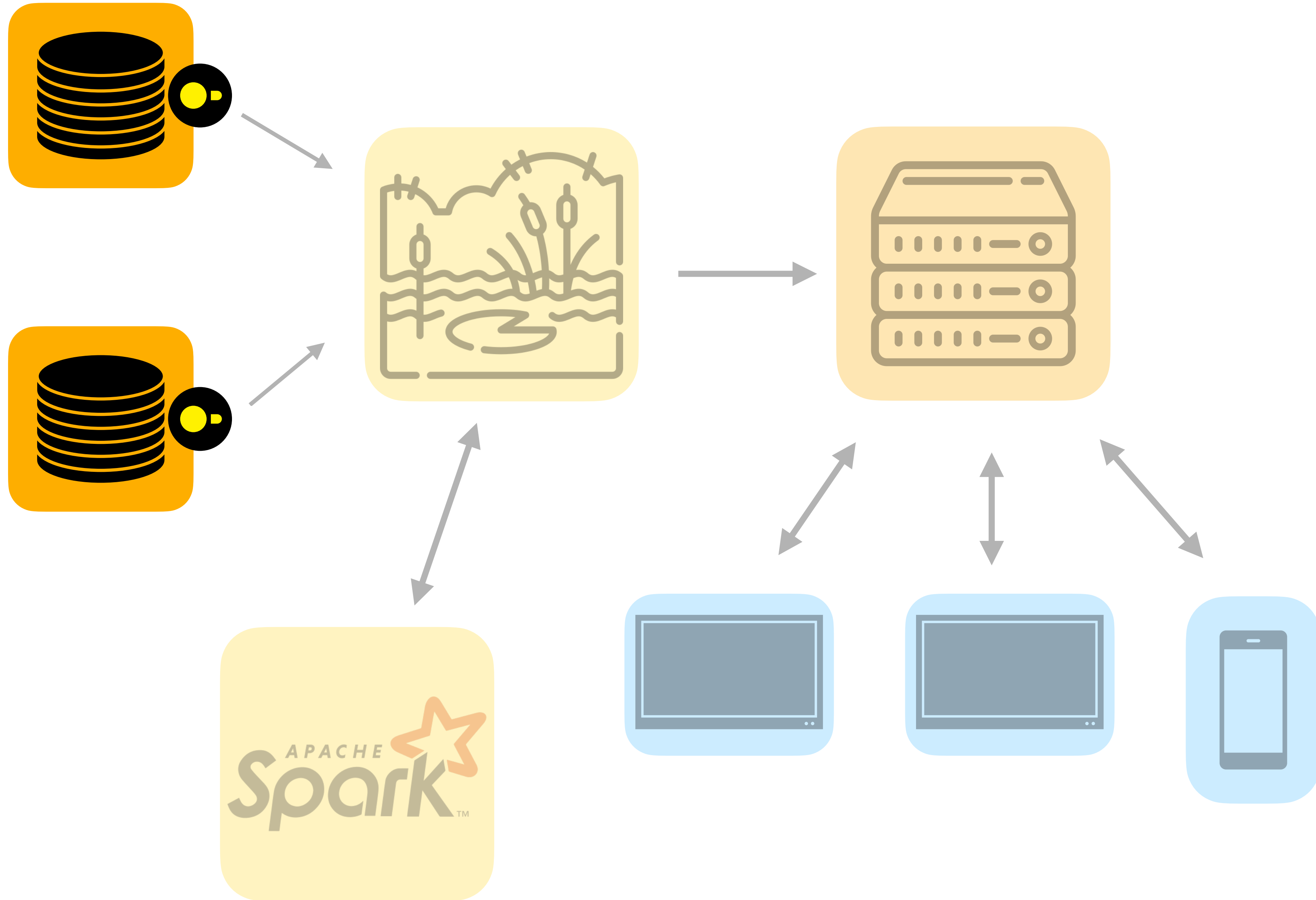


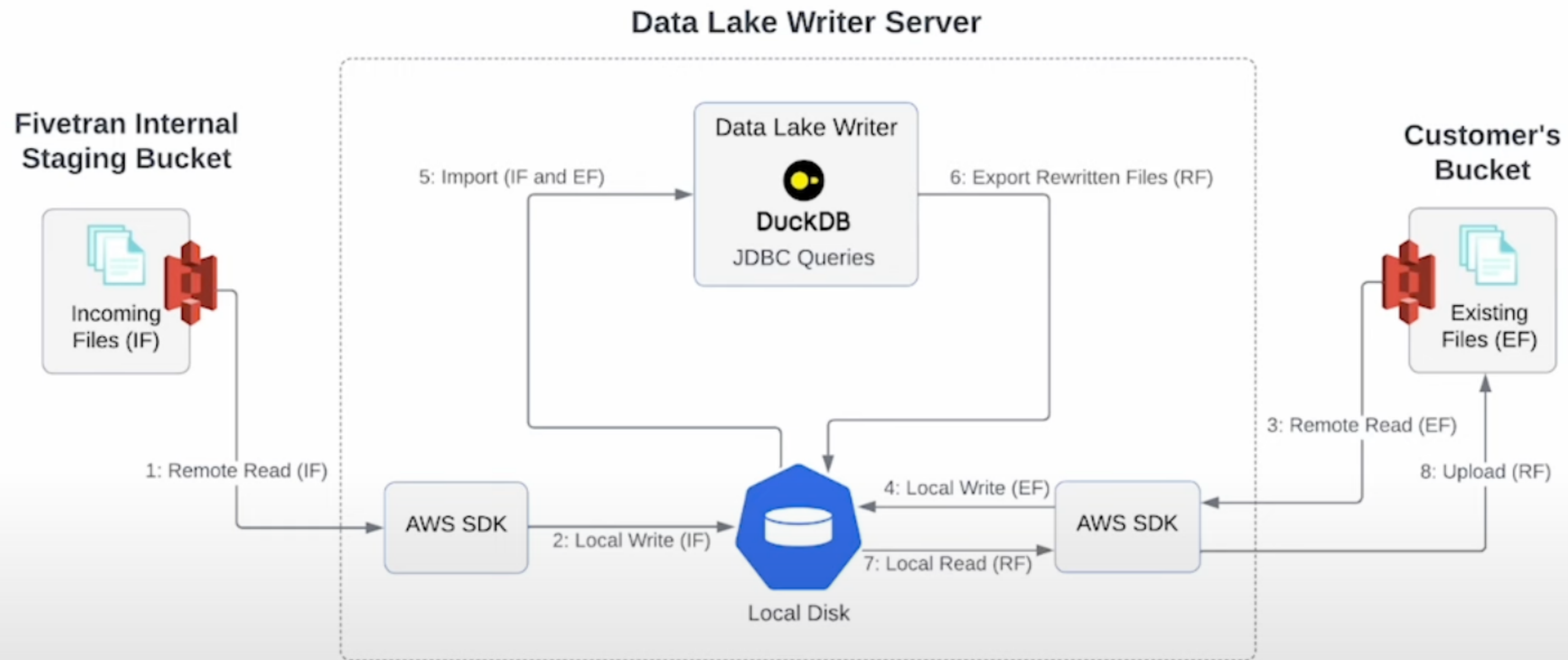


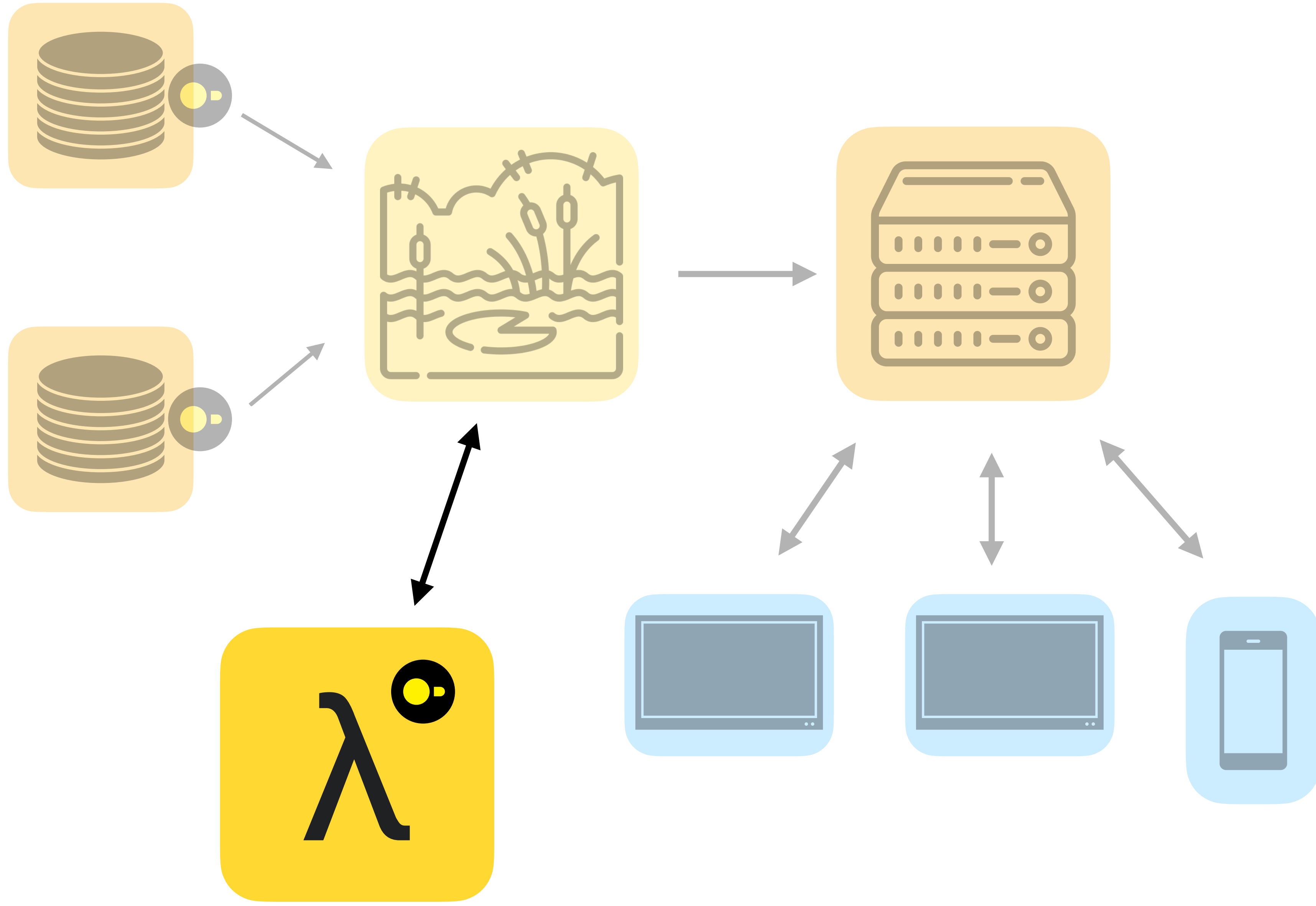


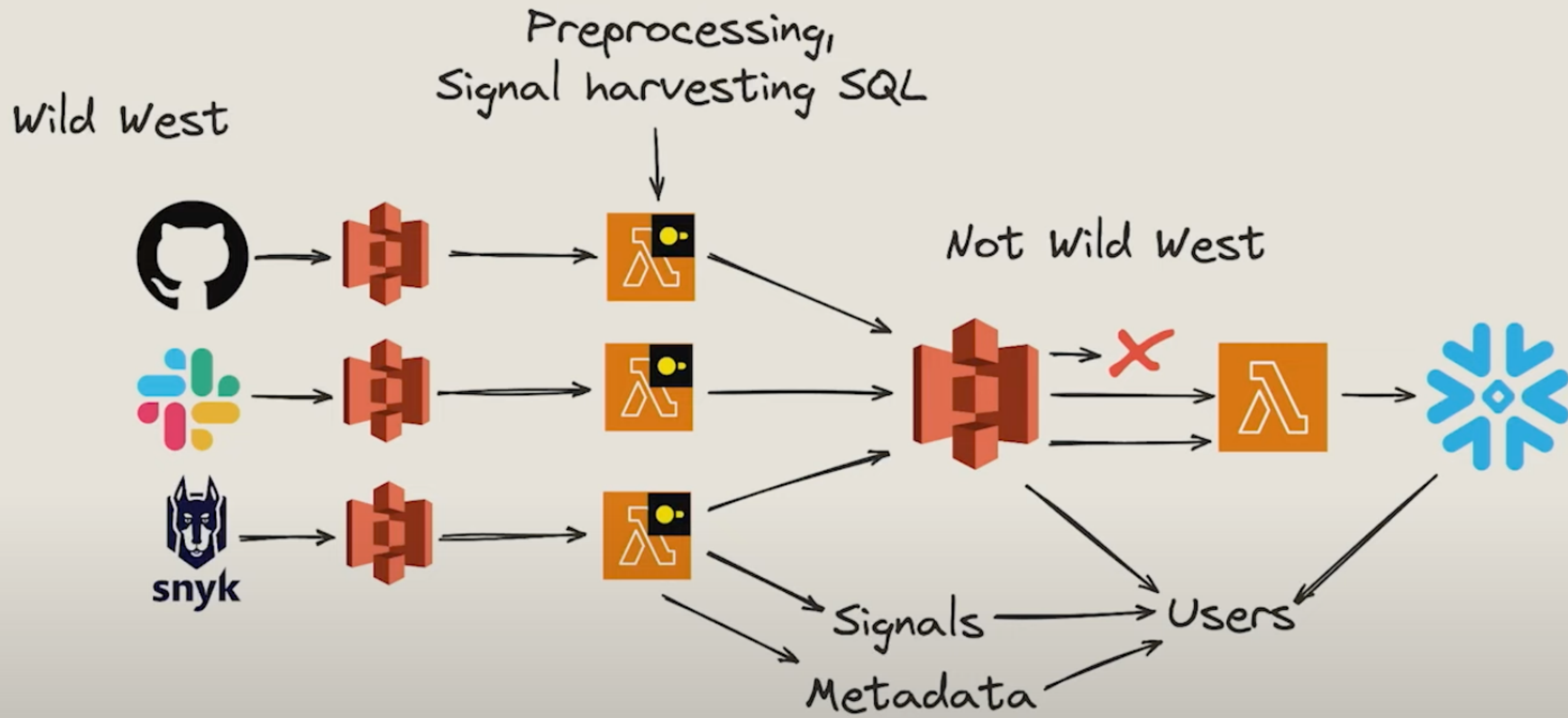


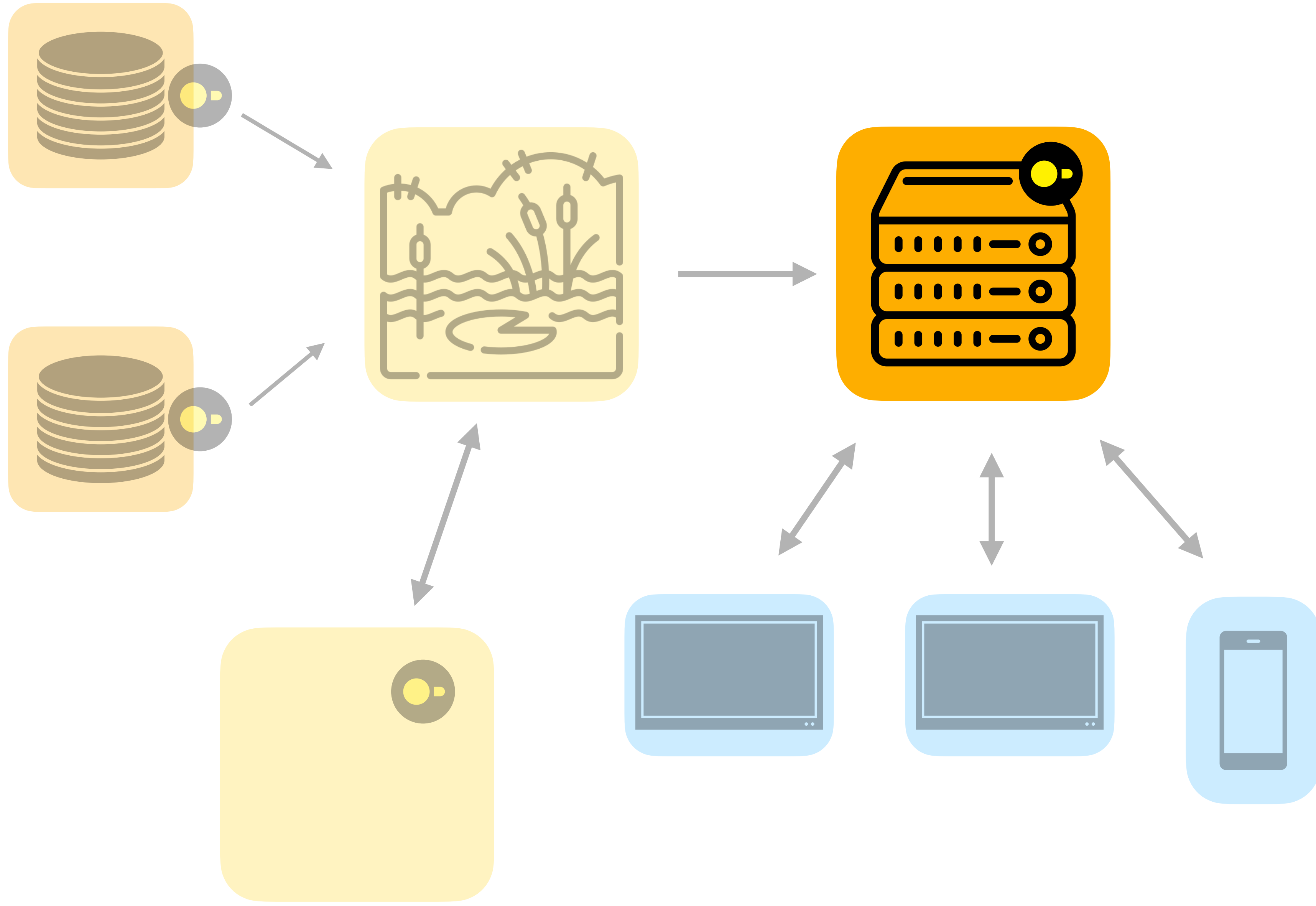
**DuckDB**













r/node • 12 days ago  
oubord



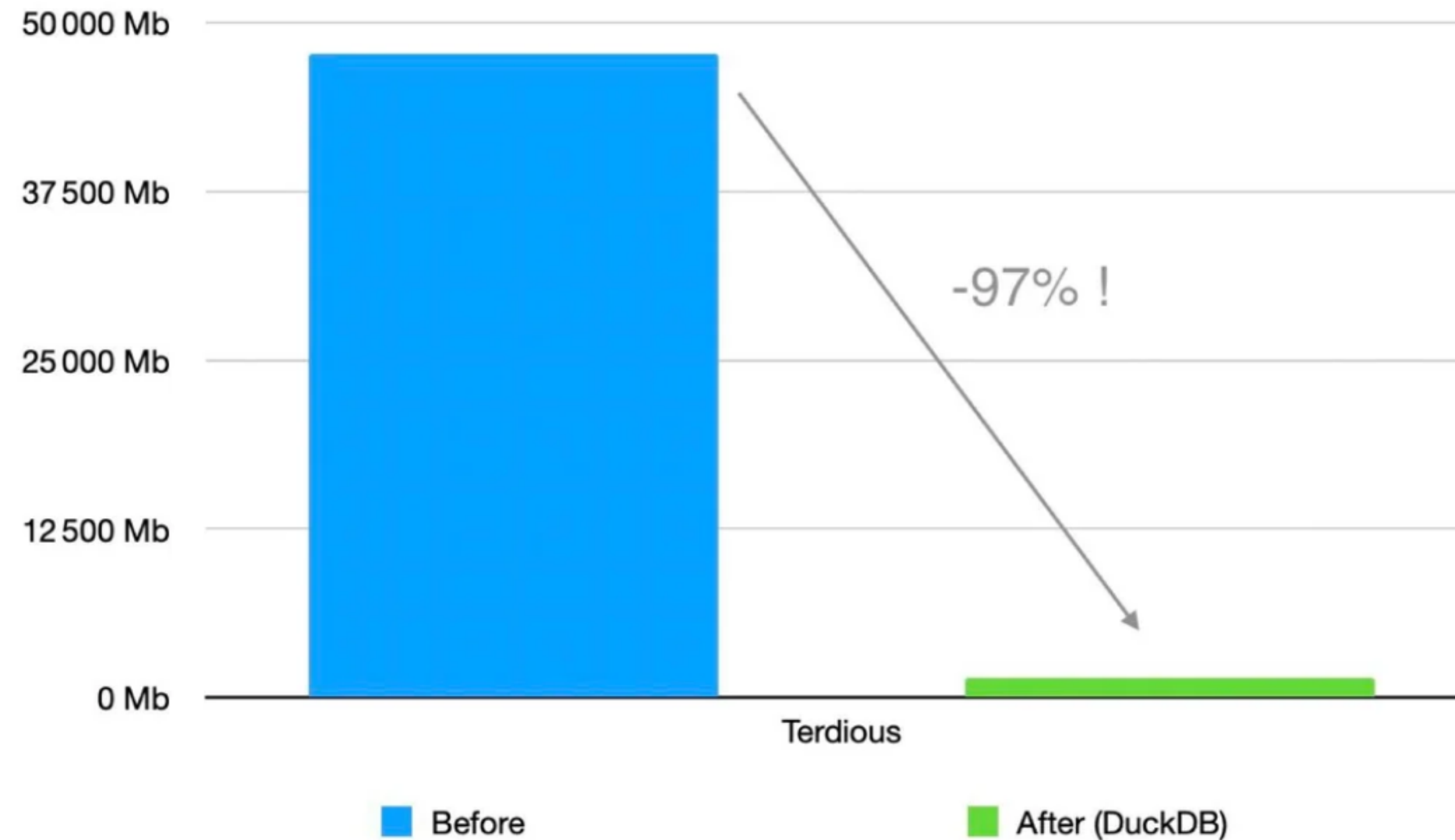
## Migrated our Node.js app from SQLite to DuckDB and the performance gains are INSANE! 🤯

We've just made a huge change in our open-source Node.js app, Gladys Assistant, by migrating from SQLite to DuckDB for handling time-series data, and the results have been mind-blowing!

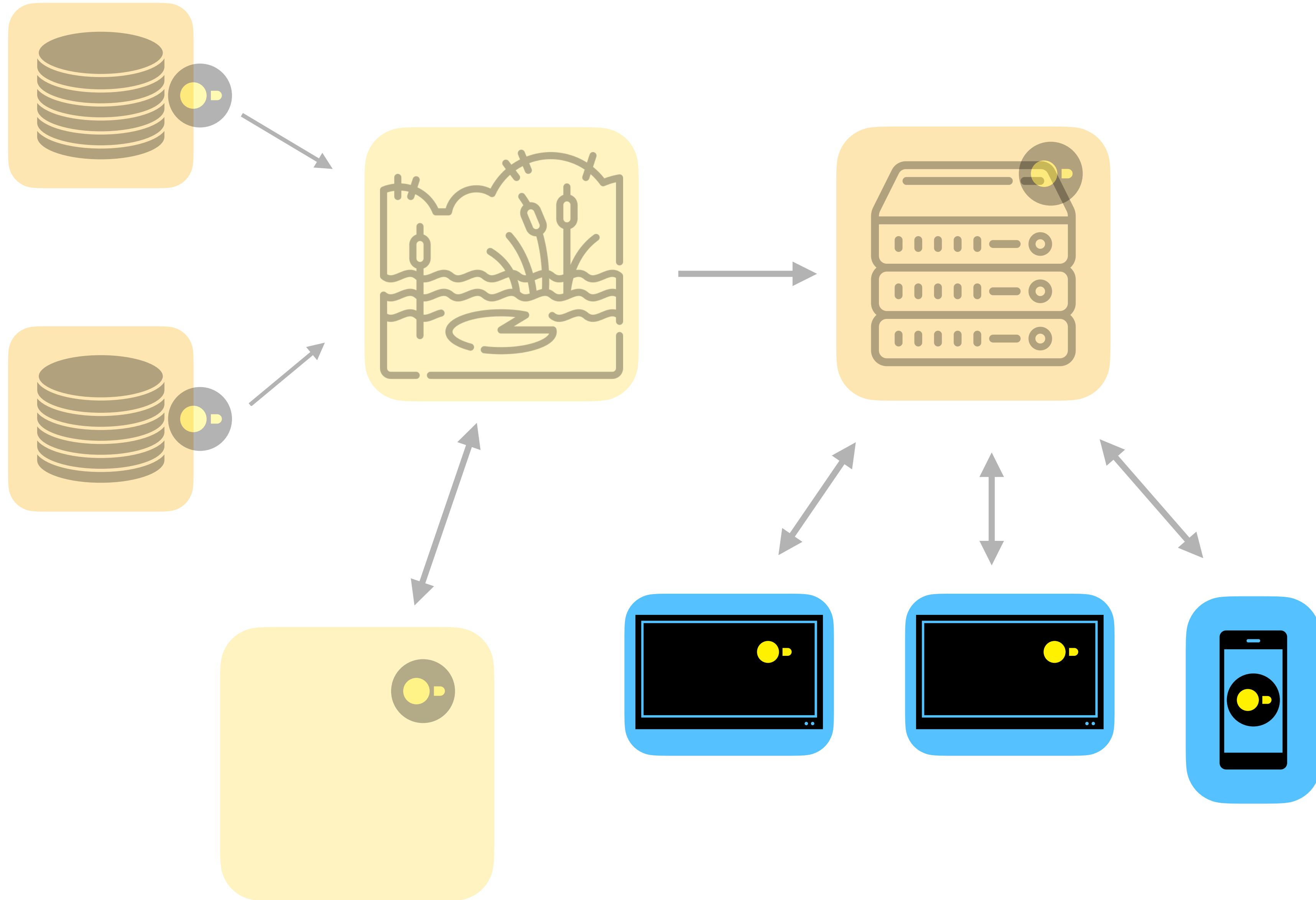
For a bit of context, Gladys Assistant is a smart home platform that connects to various sensors in your home, tracking things like temperature, electricity usage, and humidity. Over time, this generates millions of data points, which we use to display detailed charts for users.

After the switch to DuckDB, we've seen some incredible improvements:

🚀 Up to a 97% reduction in database size (one user's DB went from 47 GB to just 1.5 GB).







Not Secure — shell.duckdb.org

**DuckDB Web Shell**  
Database: v1.0.0  
Package: @duckdb/duckdb-wasm@1.28.1-dev258.0

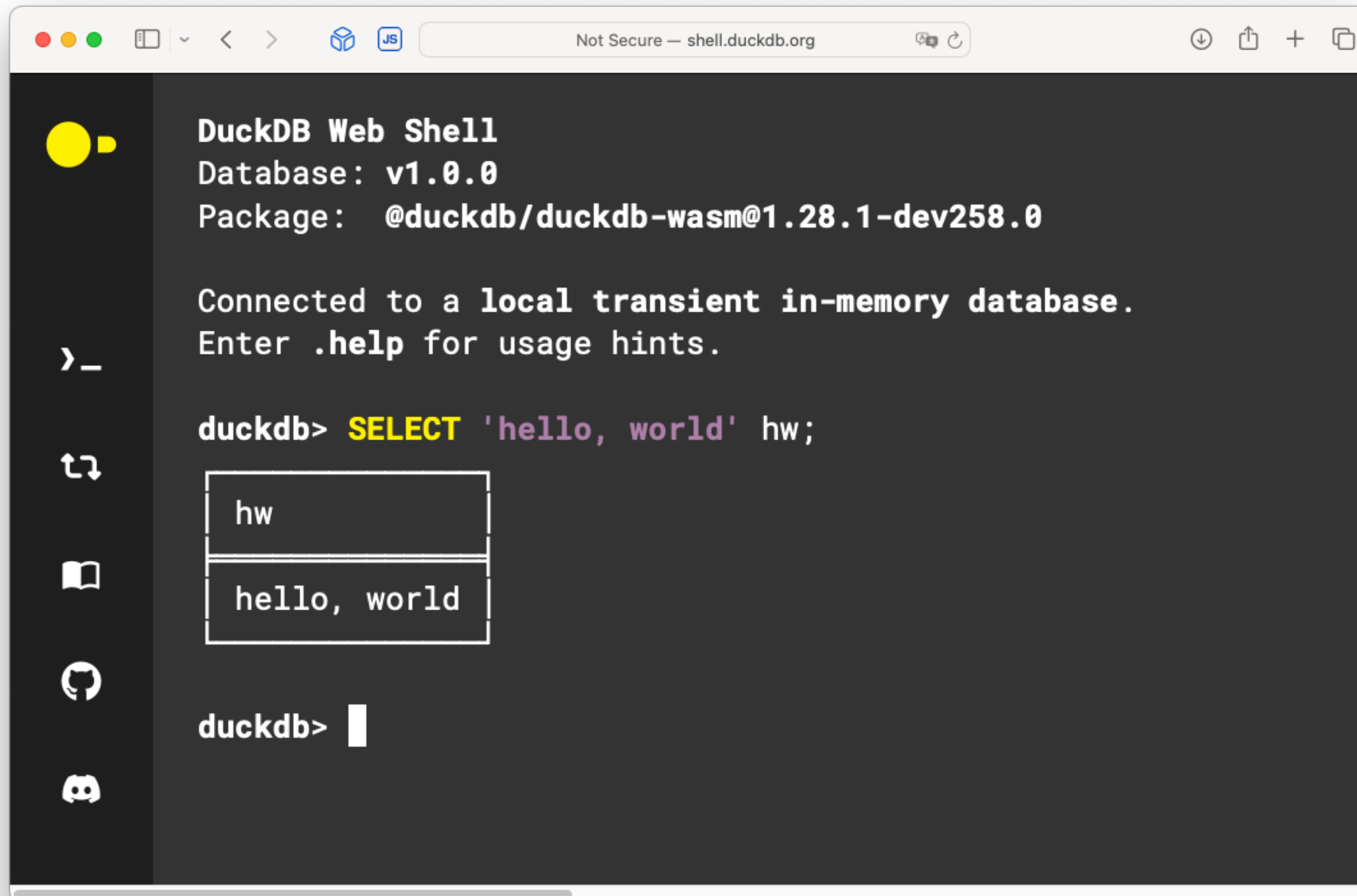
Connected to a local transient in-memory database.  
Enter .help for usage hints.

>\_

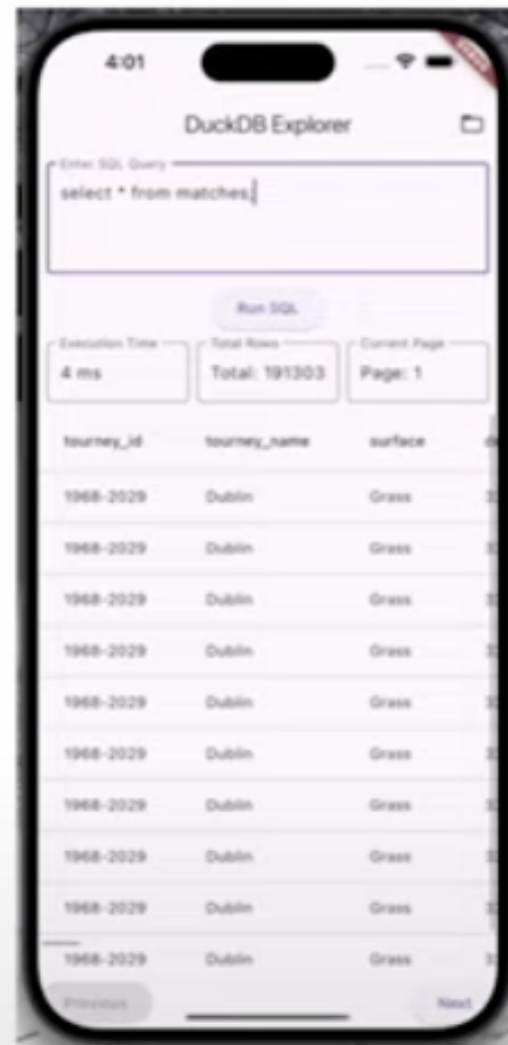
duckdb> **SELECT** 'hello, world' hw;

hw
hello, world

duckdb> █



# DuckDB Explorer

A desktop browser window titled "duckdbexplorer" showing the DuckDB Explorer interface. The interface includes a text input field for SQL queries containing "select \* from matches;". A "Run SQL" button is positioned below the input field. Below the button, there are three summary boxes: "Execution Time: 3 ms", "Total Rows: 191303", and "Current Page: 11". A table with 11 columns is displayed, showing tournament data for the year 1968. The columns are: "tourney\_id", "tourney\_name", "surface", "draw\_size", "tourney\_level", "tourney\_date", "match\_num", "winner\_id", "winner\_seed", "winner\_entry", and "winner\_name".

tourney_id	tourney_name	surface	draw_size	tourney_level	tourney_date	match_num	winner_id	winner_seed	winner_entry	winner_name
1968-347	Bournemouth	Clay	32	A	1968-04-22	3	109775	null	null	Robert Wilson
1968-347	Bournemouth	Clay	32	A	1968-04-22	4	110047	null	Q	John Ward
1968-347	Bournemouth	Clay	32	A	1968-04-22	5	100005	null	null	Richard Gonzalez
1968-347	Bournemouth	Clay	32	A	1968-04-22	6	100073	null	null	Mark Cox
1968-347	Bournemouth	Clay	32	A	1968-04-22	7	100022	5	null	Roy Emerson
1968-347	Bournemouth	Clay	32	A	1968-04-22	8	100152	null	Q	David Lloyd
1968-347	Bournemouth	Clay	32	A	1968-04-22	9	112374	null	null	Keith Wooldridge
1968-347	Bournemouth	Clay	32	A	1968-04-22	10	100030	6	null	Fred Stolle
1968-347	Bournemouth	Clay	32	A	1968-04-22	11	100010	null	null	Luis Ayala
1968-347	Bournemouth	Clay	32	A	1968-04-22	12	100026	3	null	Andres Gimeno



Datasets: SocialGrep/one-million-reddit-confessions like 6

Modalities: Tabular Text Formats: csv Languages: English Size: 1M - 10M Libraries: Datasets pandas Croissant + 1 License: cc-by-4.0

Dataset card Viewer Files and versions Community 2

Dataset Viewer

Auto-converted to Parquet API Embed View in Dataset Viewer

Split (1) train · 1M rows

Search this dataset

type	id	subreddit.id	subreddit.name	subreddit.nsfw	created_at
string · classes	string · lengths	string · classes	string · classes	bool	int64
1 value	6	4 values	4 values	1 class	1.55B
post	pyw04g	2qo2a	confession	false	1,633
post	pyvzbo	2qo2a	confession	false	1,633
post	pyvxtt	2qo2a	confession	false	1,633
post	pyvwgp	2qo2a	confession	false	1,633
post	pyvt7k	2qo2a	confession	false	1,633
post	pyvsmx	2qo2a	confession	false	1,633

Downloads last month 16

Use this dataset Edit dataset card

Homepage: socialgrep.com

Point of Contact: Website

Size of downloaded dataset files: 779 MB

Size of the auto-converted Parquet files: 439 MB

Number of rows: 1,000,000

Models trained or fine-tuned on SocialGrep/one-...

or4cl3ai/SoundSlayerAI Text-to-Speech · Updated Sep 30, 2023 · 7 · 14

### SQL Console for NousResearch/hermes-function-calling-v1

```
SELECT * FROM func_calling_singleton LIMIT 10
```

Subsets and Splits ⓘ | 1/5 splits loaded

[DuckDB Documentation](#)

func\_calling\_singleton

func\_calling

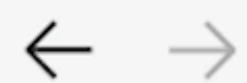
glaiive\_func\_calling

json\_mode\_agentic

json\_mode\_singleton

Run Query ⌘ ↵

id string	conversations list	category string	subcategory string	task string
85f6c398-69c7-4df2-aed1-29d614a93a26	[{"from": "system", "value": "You are a function calling AI model. You are..."}]	IoT and Home...	Security Camera...	View and Manage Security Camera...
89ef3c87-66bd-46ee-9297-15398fd9a235	[{"from": "system", "value": "You are a function calling AI model. You are..."}]	IoT and Home...	Smart Home Setup	Set Up a Smart Home System
14657d01-d6d1-46df-	[{"from": "system", "value": "You are	IoT and	Thermostat	Adjust Smart



loader-duckdb



duckcon-cheat.md

duckcon.md



src > duckcon.md > ## Hello DuckCon

```

6  ## Hello DuckCon
7
8  ```sql id=oneYear
9  SELECT * FROM languages WHERE TIME_PERIOD = $
10 {year}
11 ```
12 ```js
13 const year = view(Inputs.range([2015, 2020],
14 {step: 1}))
15 ```
16 ```js
17 Plot.plot({
18   x: {axis: "top", grid: true},
19   color: {legend: true, unknown: "grey"},
20   marks: [
21     Plot.barX(oneYear, {
22       x: "OBS_VALUE",
23       y: "geo",
24       fill: "language",
25       order: "-sum",
26       sort: ["x"], color: ["value"]

```

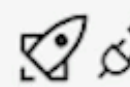
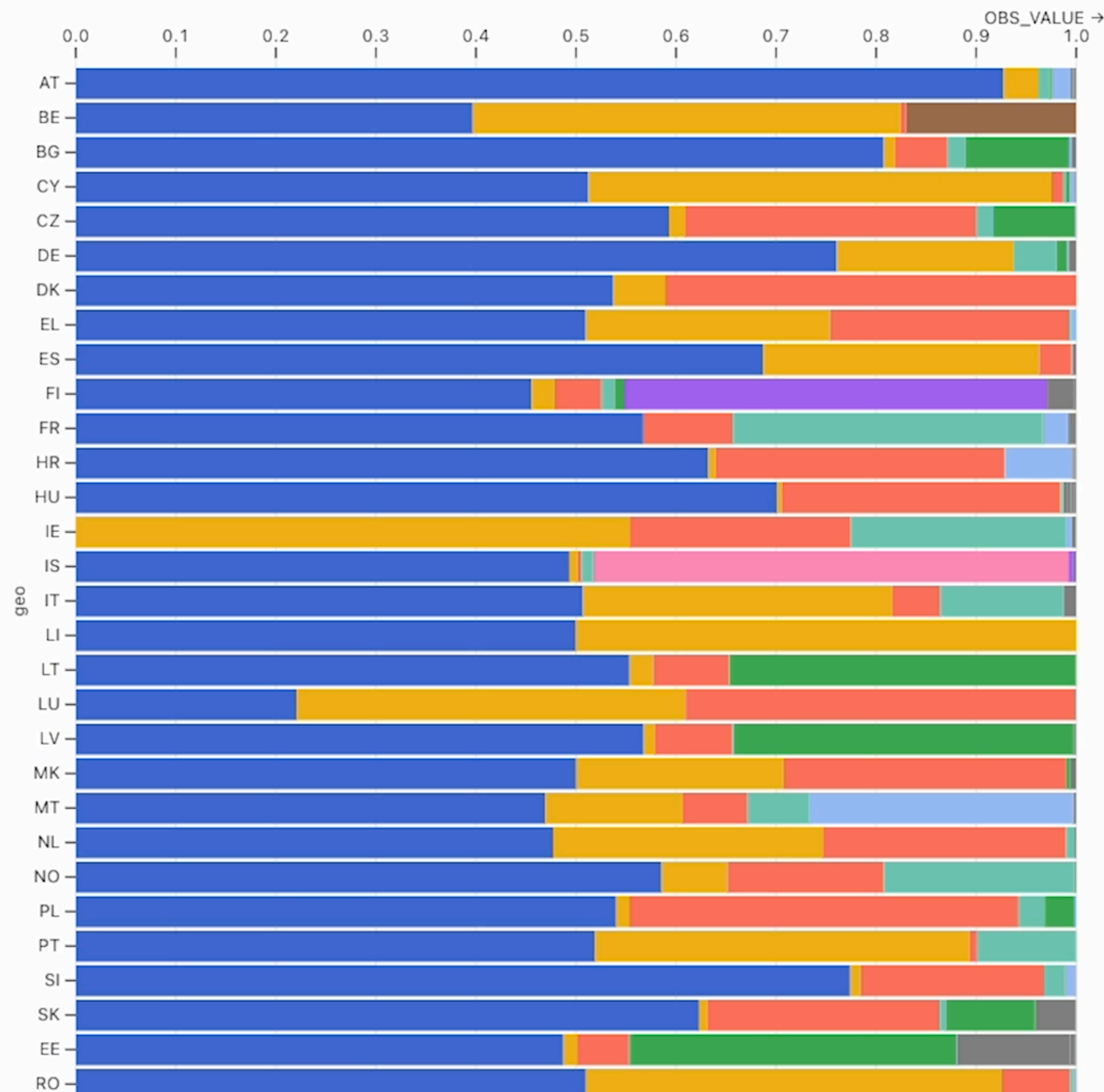
127.0.0.1:3000/duckcon

127.0.0.1:3000/duckcon

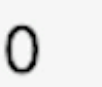
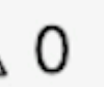
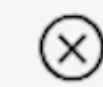
# Hello DuckCon

2019

ENG
 FRE
 GER
 SPA
 RUS
 DAN
 SWE
 ITA
 DUT

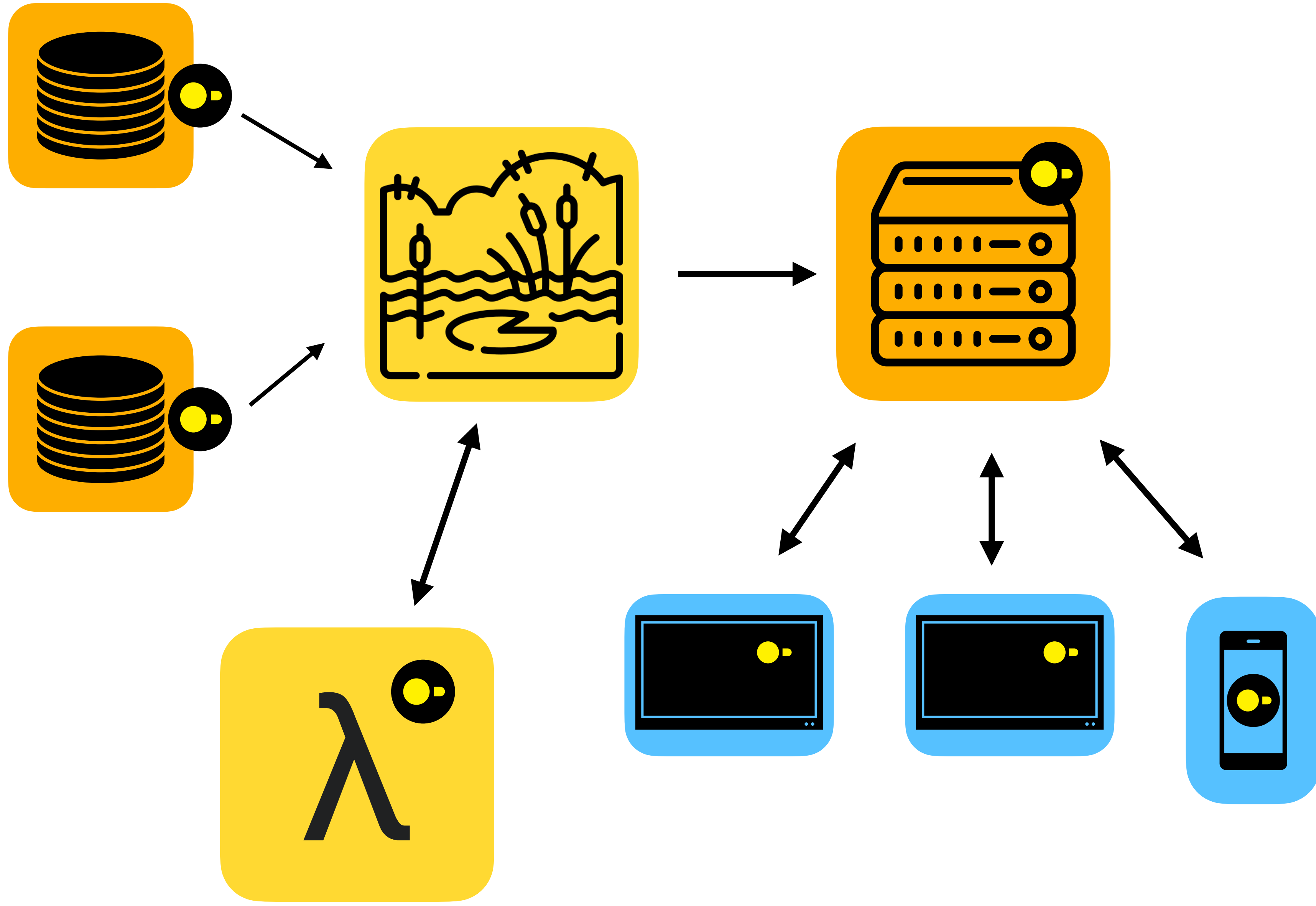


Launchpad



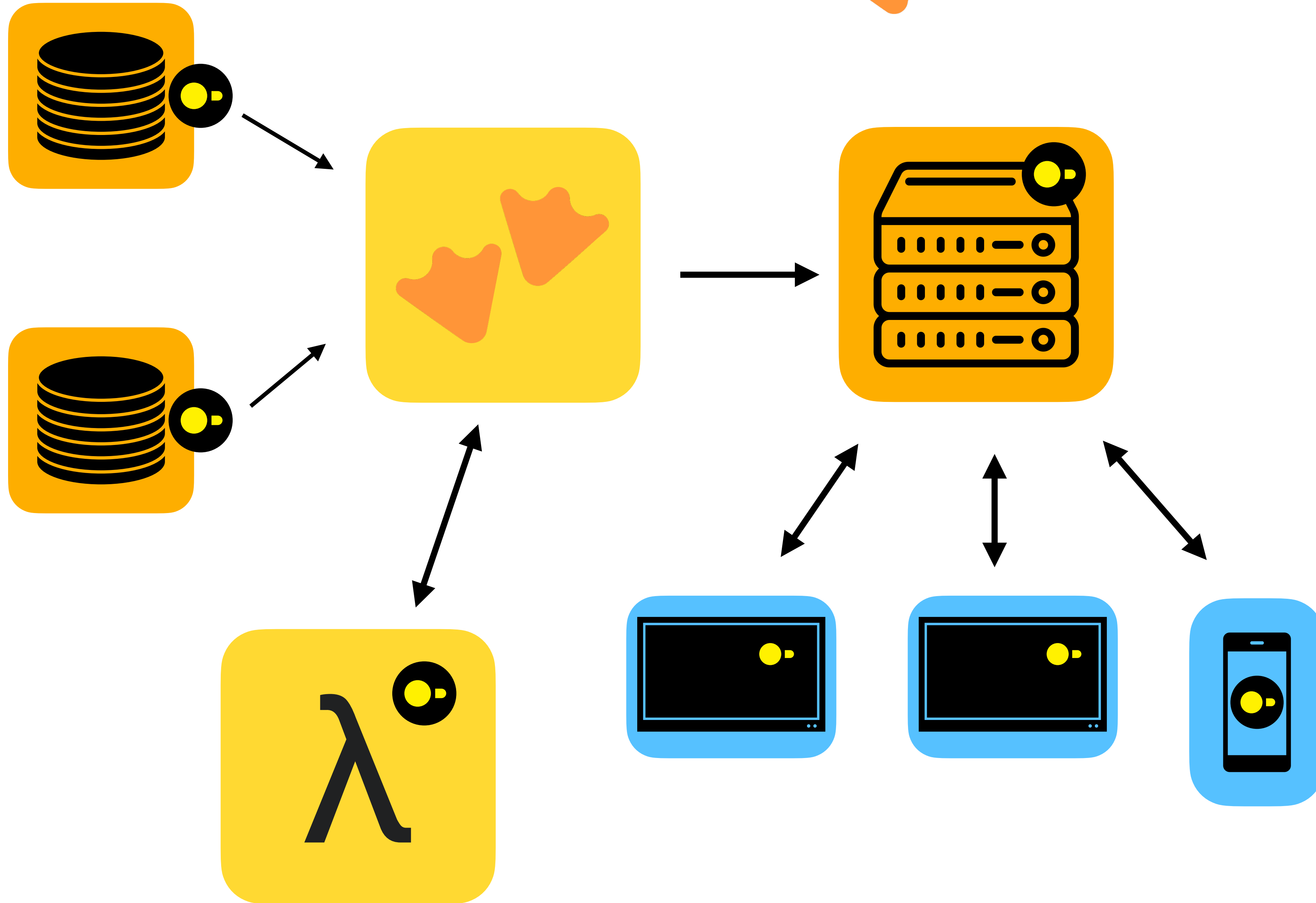
0 0 0 0 Live Share







# Mother Duck



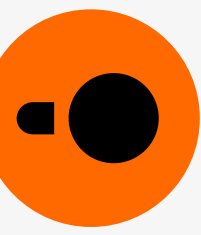


# DuckDB in the Wild

- **Liberate** data processing
  - No more centralized data engines
  - DuckDB everywhere!



[hannes.muehleisen.org](http://hannes.muehleisen.org)  
[@hfmuehleisen](https://twitter.com/hfmuehleisen)



- **DuckDB Labs offers commercial support contracts**
  - Privileged access to DuckDB core team
  - Higher priority issues
  - Guaranteed response time
  - Private issue tracker
  - Private datasets
  - Extended support scope

