

Webinar

Beyond the Editor

Become a CartoDB Platform
Power User

Erik Escoffier
@nerik



CARTODB



This webinar is about to start at

SF 10AM / NY 1PM / Berlin 7PM

Use the Chat Plane in GoToWebinar for questions,
comments or feedback :)

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CARTODB

Do you have a question?

Use the Chat Plane in GoToWebinar to discuss together!

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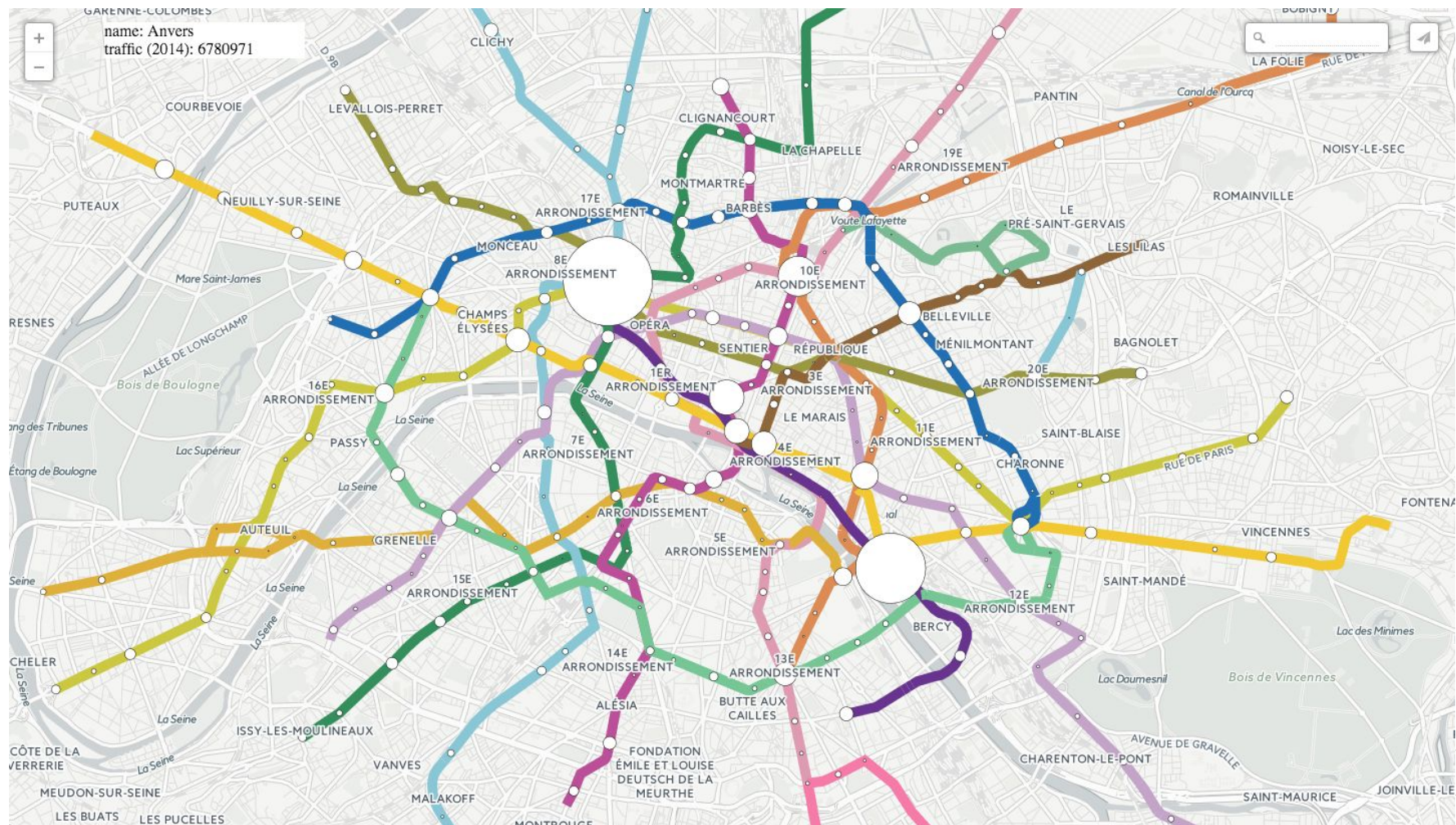
Hey, I'm Erik :)

- Senior Developer at CartoDB
- 8 years dev experience
- Recently came to GIS and mapping
- French
- I like cats, mountains, beer
- twitter+gh : @nerik



Here's the plan:



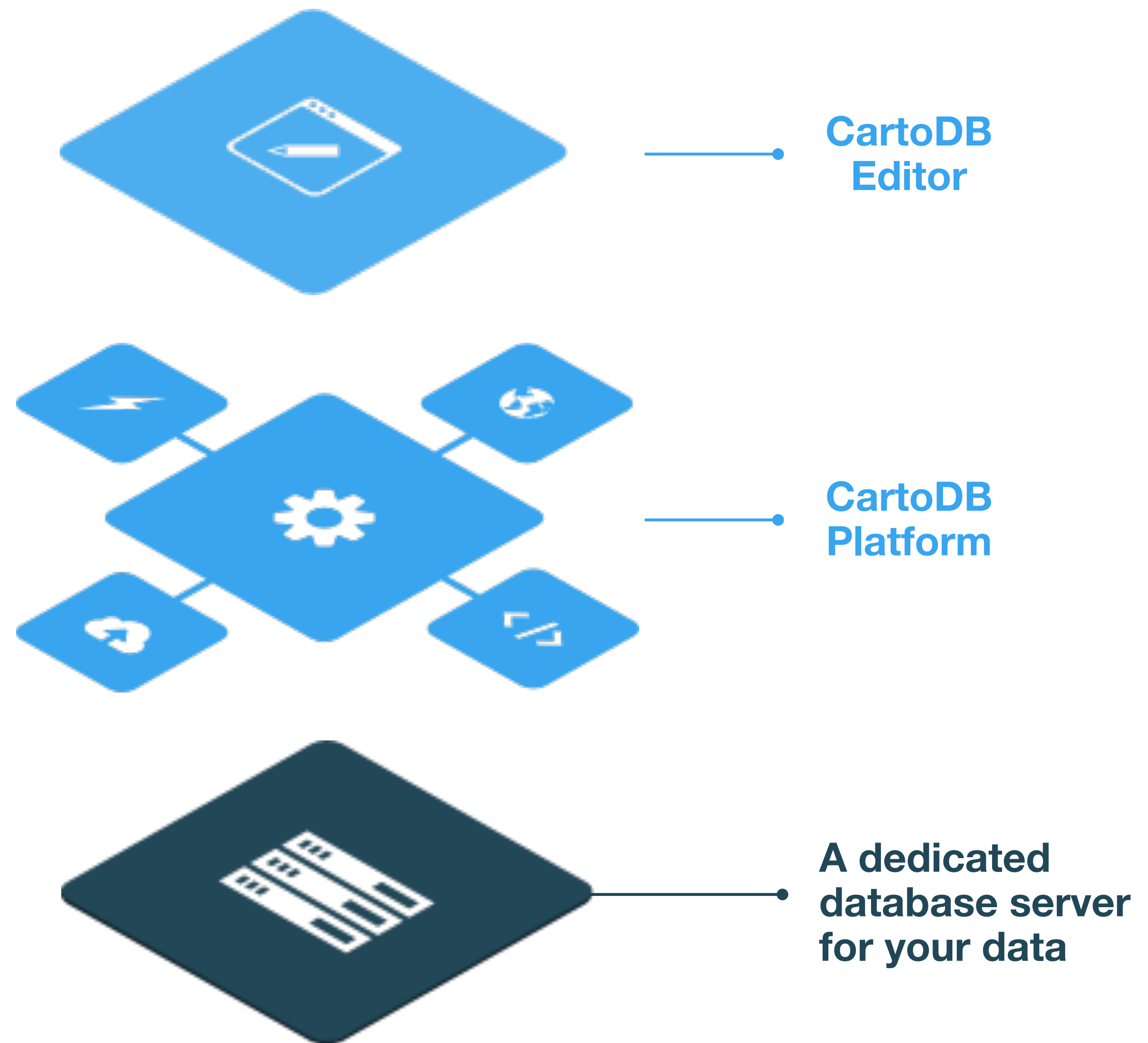


Here's the plan:

- the CartoDB platform: a technical overview
- grab data from OpenStreetMap
- use the Editor for a quick pilot
- a quick way to start building CartoDB apps from scratch
- smart CartoCSS styling with the SQL API
- dynamic client side requests with SQL templates
- import data with Node and the SQL API
- precompute values for visualization
- adding interactivity



A full geospatial platform



CartoDB Editor

CartoDB.js

Leaflet

Windshaft

Torque

...

SQL
API

Import
API

...

PostgreSQL + PostGIS

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● Synced a few seconds ago. Next will be in a month. · [view options](#)

	cartodb_id ▾ number	the_geom geometry	area ▾ number	fips ▾ string	iso2 ▾ string	iso3 ▾ string	lat ▾ number	lon ▾ number	name ▾ string
	1	Polygon	44	AC	AG	ATG	17.078	-61.783	Antigua and Barbuda
	2	Polygon	238174	AG	DZ	DZA	28.163	2.632	Algeria
	3	Polygon	8260	AJ	AZ	AZE	40.43	47.395	Azerbaijan
	4	Polygon	2740	AL	AL	ALB	41.143	20.068	Albania
	5	Polygon	2820	AM	AM	ARM	40.534	44.563	Armenia
	6	Polygon	124670	AO	AO	AGO	-12.296	17.544	Angola
	7	Polygon	20	AQ	AS	ASM	-14.318	-170.73	American Samoa
	8	Polygon	273669	AR	AR	ARG	-35.377	-65.167	Argentina
	9	Polygon	768230	AS	AU	AUS	-24.973	136.189	Australia
	10	Polygon	71	BA	BH	BHR	26.019	50.562	Bahrain
	11	Polygon	43	BB	BB	BRB	13.153	-59.559	Barbados
	12	Polygon	5	BD	BM	BMU	32.336	-64.709	Bermuda
	13	Polygon	1001	BF	BS	BHS	24.628	-78.014	Bahamas
	14	Polygon	13017	BG	BD	BGD	24.218	89.941	Bangladesh
	15	Polygon	2281	BH	BZ	BLZ	17.219	-88.602	Belize
	16	Polygon	5120	BK	BA	BIH	44.169	17.786	Bosnia and Herzegov
	17	Polygon	108438	BL	BO	BOL	-16.715	-64.671	Bolivia

[Add layer](#)

1 world_borders

Custom SQL query

Ctrl + SPACE to autocomplete. **CMD + S** to apply your query.

```
1 SELECT * FROM world_borders|
```

Apply query

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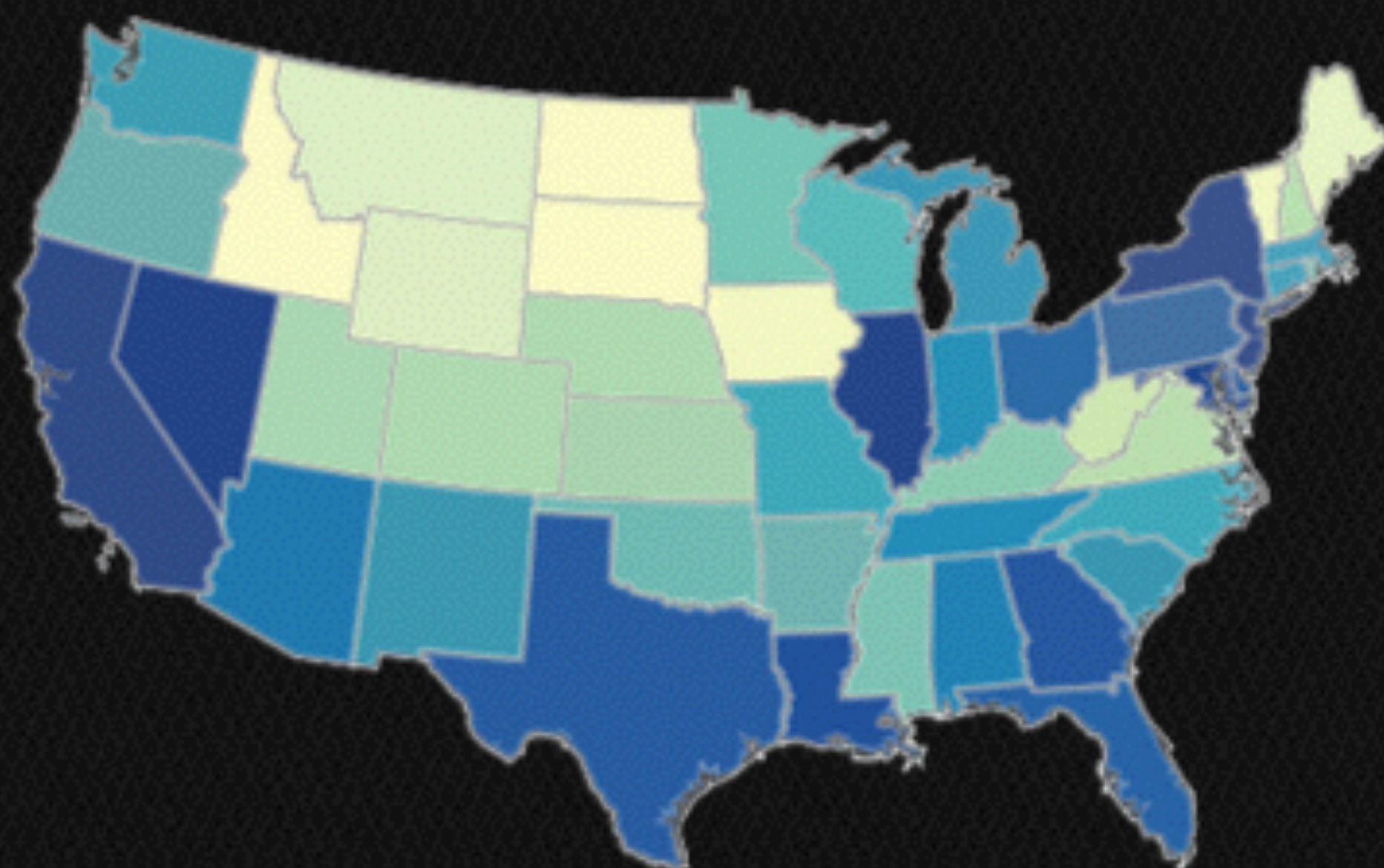
...

PostgreSQL + PostGIS



CRIMINAL STATES

With Friday the 13th behind us, we are reminded that the world can be a pretty scary place! While Jason will probably not be paying you a visit any time soon, take a moment to click around our **United States Crime Map** and see how the states stack up when it comes to these **real-life horror stories... Yikes!**



CRIME SELECTOR

Total Violent Crime

Aggravated Assault

Property Crime

Burglary

Motor Vehicle Theft

Murder/Non-Negligible Homicide

Larceny Theft

Robbery

DATA FROM FBI CRIME REPORTING 2013

LOW

HIGH



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...

SQL
API

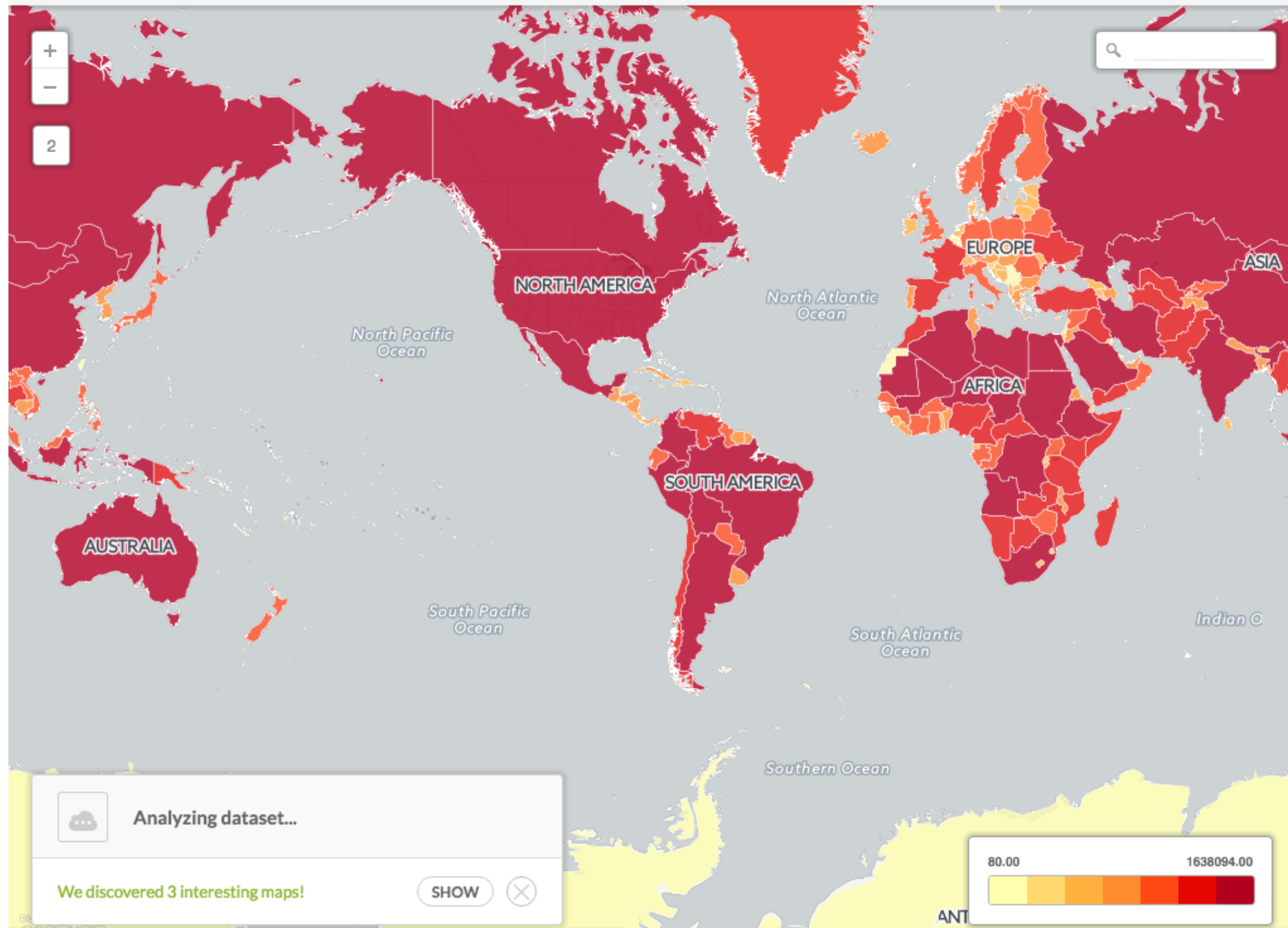
Import
API

...

PostgreSQL + PostGIS

Synced a few seconds ago. Next will be in a month. [view options](#)

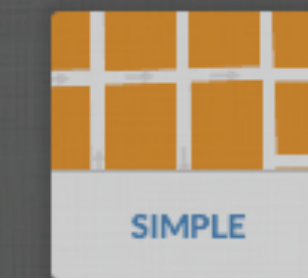
Basemap
Positron



+ Add layer

1 world_borders

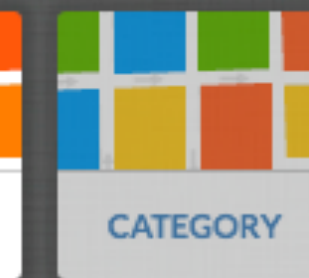
Map layer wizard



SIMPLE



CHOROPLETH



CATEGORY

Column

area

Buckets

7 Buckets

Quantification

Quantile

Color Ramp



0.8

Polygon Stroke

0.5



1

Composite operation

None

Label Text

None



Analyzing dataset...

We discovered 3 interesting maps!

SHOW



Your app !

CartoDB.js

Leaflet

Windshaft

Torque

...

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API

Import
API

...

PostgreSQL + PostGIS

Thank you!

Erik Escoffier
Speaker's Title at
CartoDB

erik@cartodb.com

@nerik



cdb.io/webinar-beyond-editor





CartoDB leads the world of geospatial data analysis and visualization, empowering organizations and individuals to extract meaningful insights from location intelligence. For more information please visit cartodb.com.