

MetaBase guide (Data Visualization Software)

How to login:

Step 1: Open the following link (the second word is the name of the database of your group)

Group 1:

url: <https://iot-zeiss2022-1.azurewebsites.net>

database name: iot_db_01

Group 2:

url: <https://iot-zeiss2022-2.azurewebsites.net>

database name: iot_db_02

Group 3:

url: <https://iot-zeiss2022-3.azurewebsites.net>

database name: iot_db_03

Group 4:

url: <https://iot-zeiss2022-4.azurewebsites.net>

database name: iot_db_04

Group 5:

url: <https://iot-zeiss2022-5.azurewebsites.net>

database name: iot_db_05

Group 6:

url: <https://iot-zeiss2022-6.azurewebsites.net>

database name: iot_db_06

Group 7:

url: <https://iot-zeiss2022-7.azurewebsites.net>

database name: iot_db_07

Group 8:

url: <https://iot-zeiss2022-8.azurewebsites.net>

database name: iot_db_08

Group 9:

url: <https://iot-zeiss2022-9.azurewebsites.net>

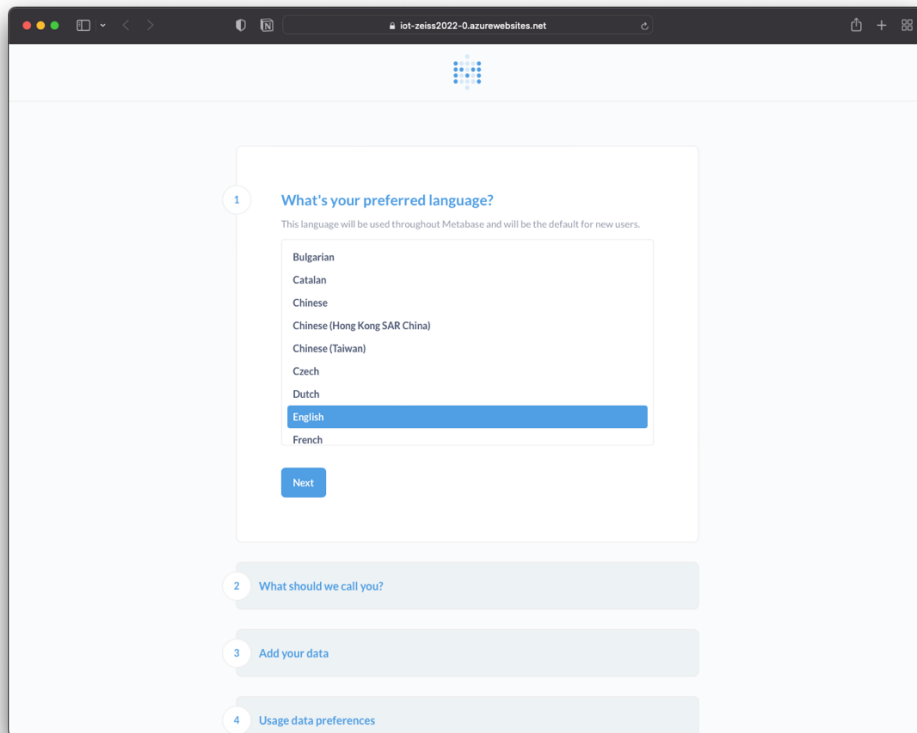
database name: iot_db_09

Group 10:

url: <https://iot-zeiss2022-10.azurewebsites.net>

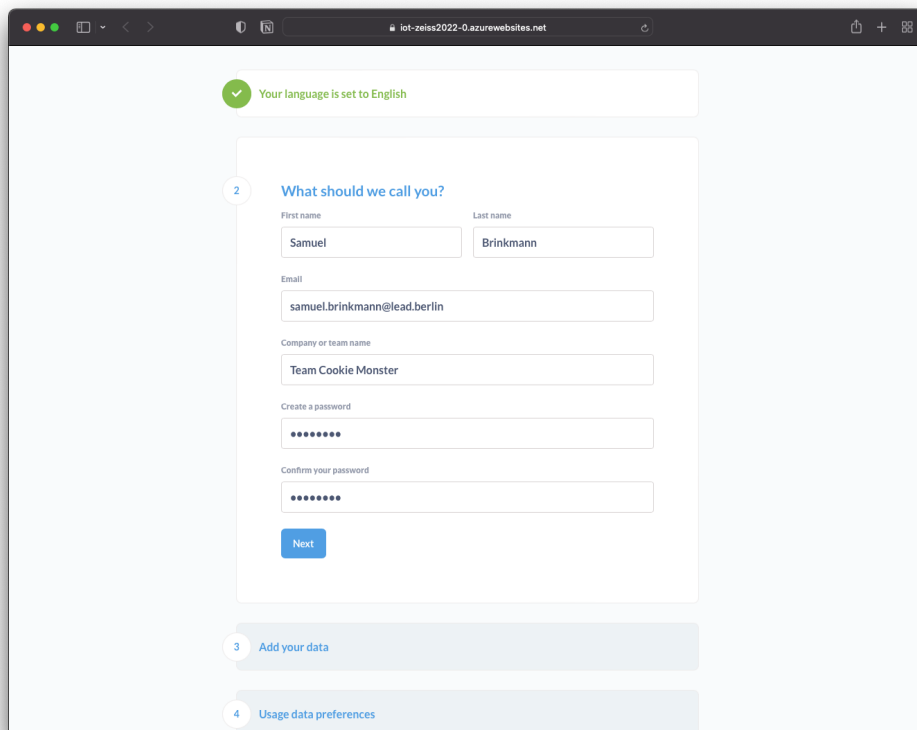
database name: iot_db_10

Step 2: Select the language you want to use and click “next”



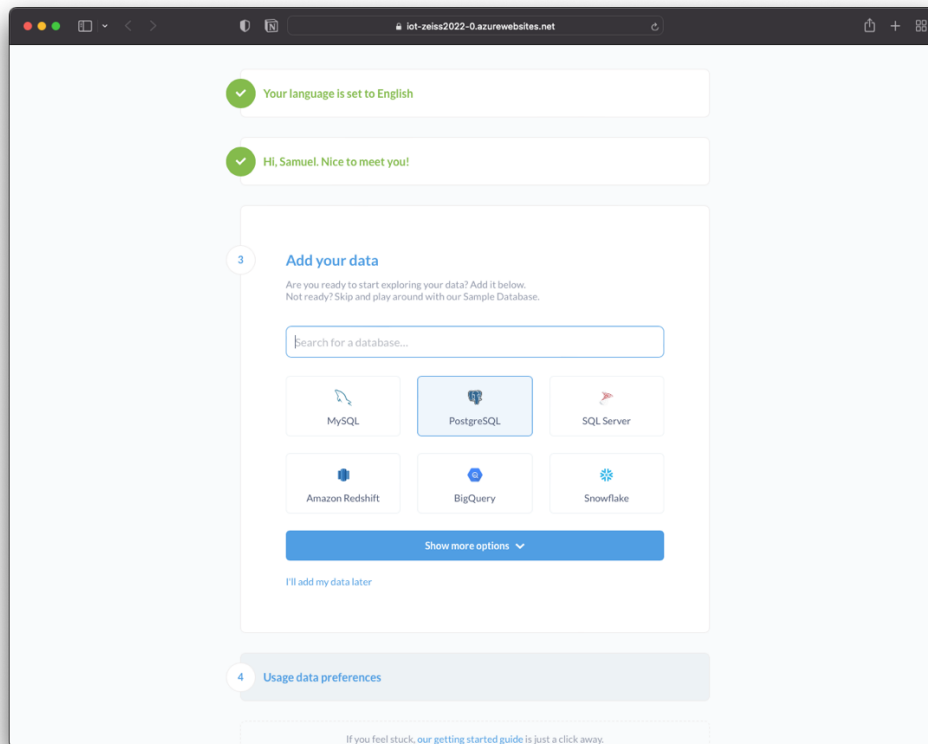
The screenshot shows a web browser window with the URL `iot-zeiss2022-0.azurewebsites.net`. The page displays a language selection interface. At the top, a progress bar shows four steps: 1. What's your preferred language? (active), 2. What should we call you?, 3. Add your data, and 4. Usage data preferences. The first step contains a list of languages: Bulgarian, Catalan, Chinese, Chinese (Hong Kong SAR China), Chinese (Taiwan), Czech, Dutch, English (highlighted in blue), and French. A blue 'Next' button is located below the list.

Step 3: Fill the text fields with your “credentials” and click “next”



The screenshot shows the same web browser window, now on the second step of the registration process. A green checkmark and the message 'Your language is set to English' are displayed at the top. The progress bar shows the same four steps, with step 2, 'What should we call you?', now active. The form fields are filled with the following information: First name: Samuel, Last name: Brinkmann, Email: samuel.brinkmann@lead.berlin, Company or team name: Team Cookie Monster, Create a password: (masked with dots), and Confirm your password: (masked with dots). A blue 'Next' button is located at the bottom of the form.

Step 4: Select PostgreSQL as database type



Step 5: Fill the text fields with the information:

Display name: zeiss-database

Host: `iot-zeiss-2504.postgres.database.azure.com`

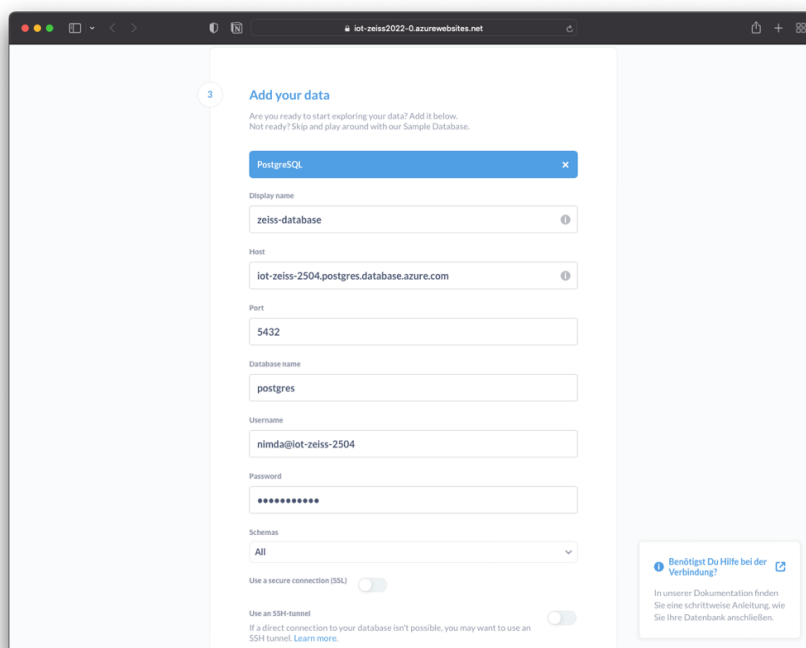
Port: 5432

Database name: `iot_db_XX` where XX is your groupe number (e.g. Group 1: `iot_db_01`)

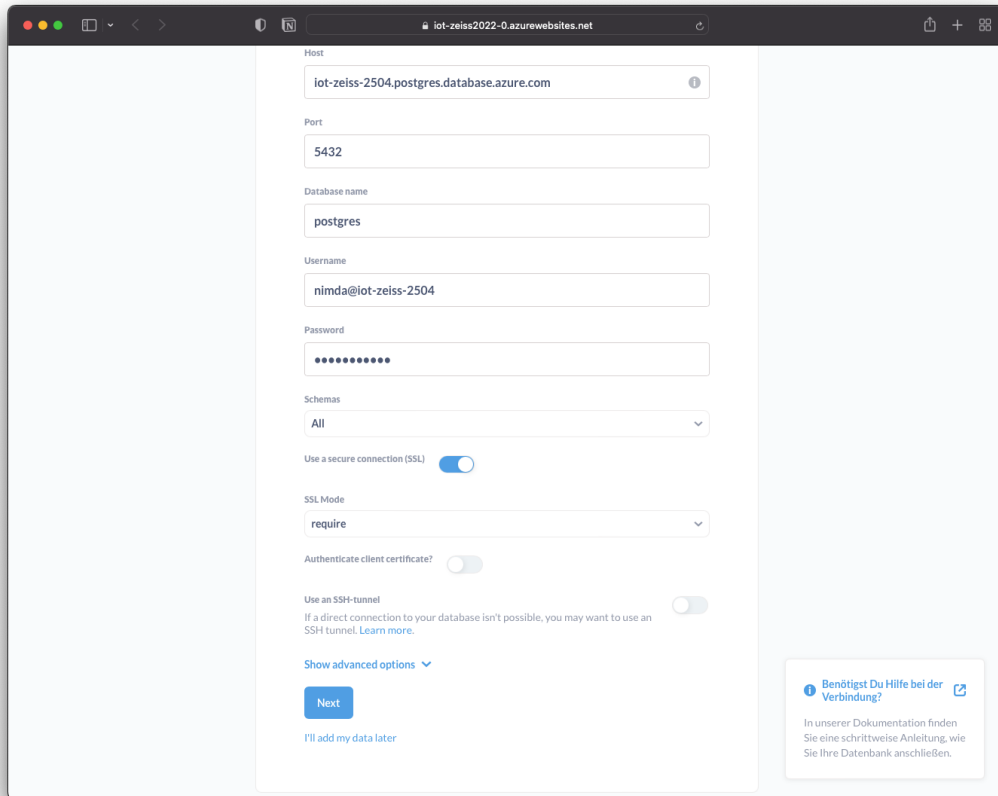
Username: `nimda@iot-zeiss-2504`

Password: given by the facilitators

Follow step 6 before clicking “next”



Step 6: Activate “Use a secure connection (SSL)” and click “next”



Host:

Port:

Database name:

Username:

Password:

Schemas:

Use a secure connection (SSL): ☒

SSL Mode:

Authenticate client certificate? ☐

Use an SSH-tunnel: ☐

If a direct connection to your database isn't possible, you may want to use an SSH tunnel. [Learn more.](#)

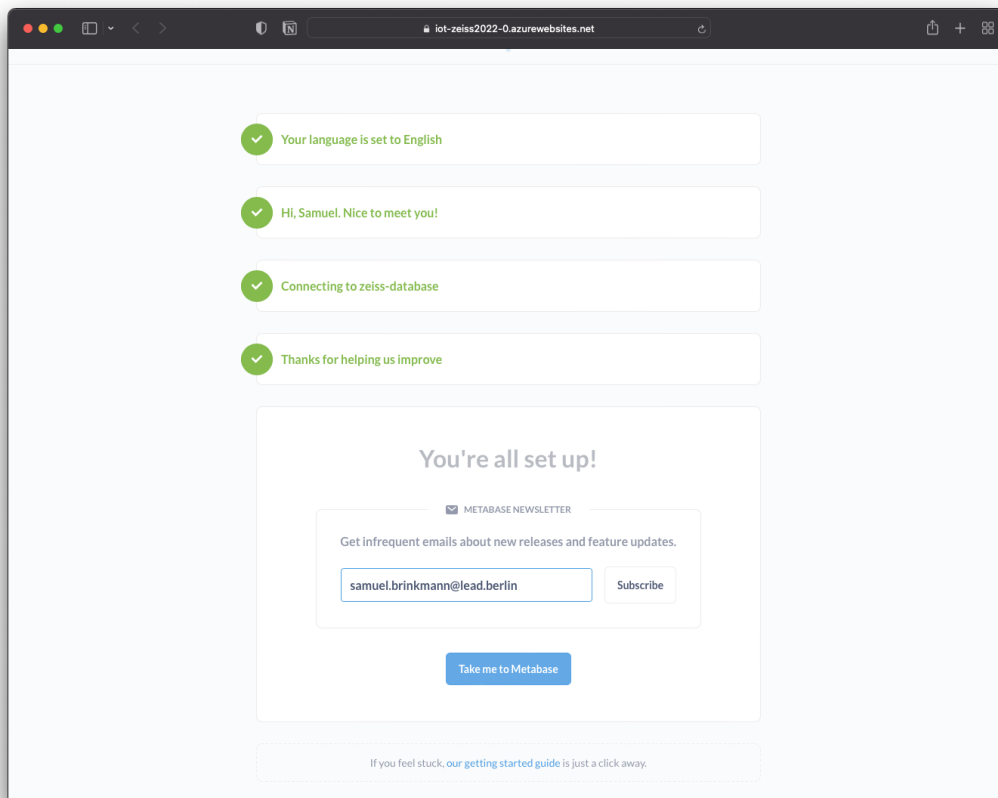
Show advanced options ☐

[Next](#)

[I'll add my data later](#)

Benötigst Du Hilfe bei der Verbindung?
In unserer Dokumentation finden Sie eine schrittweise Anleitung, wie Sie Ihre Datenbank anschließen.

Step 7: Click “Take me to MetaBase”



✓ Your language is set to English

✓ Hi, Samuel. Nice to meet you!

✓ Connecting to zeiss-database

✓ Thanks for helping us improve

You're all set up!

METABASE NEWSLETTER

Get infrequent emails about new releases and feature updates.

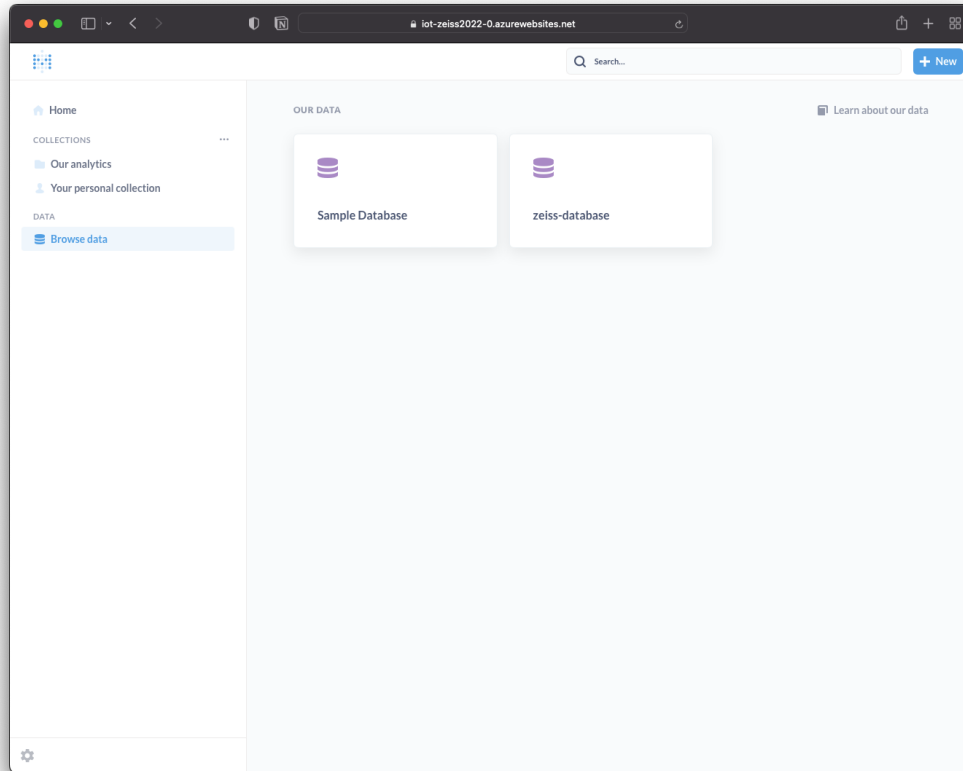
[Subscribe](#)

[Take me to Metabase](#)

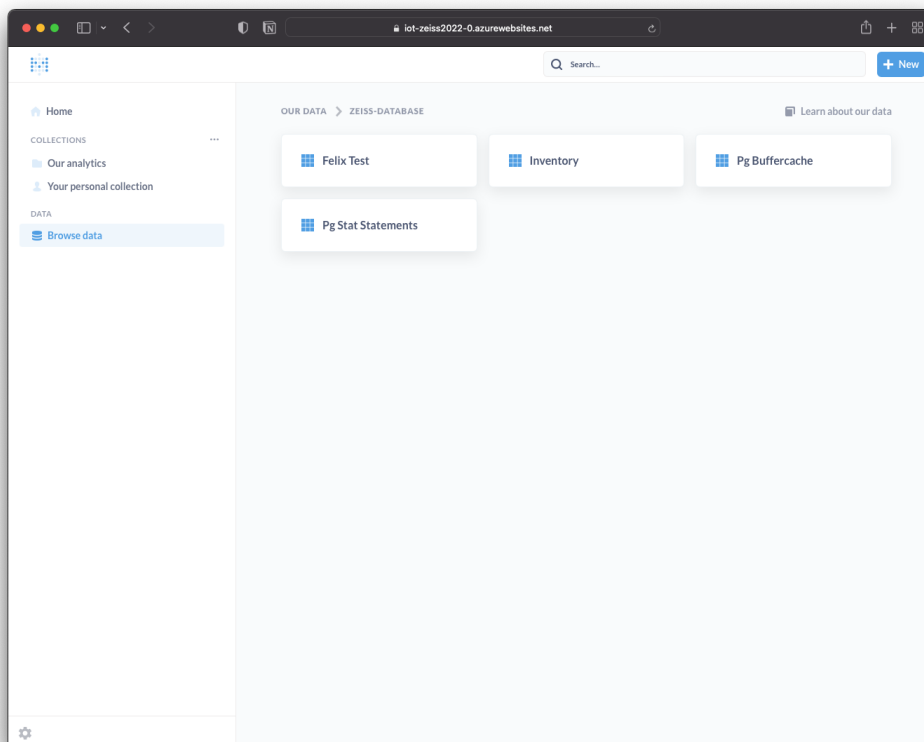
If you feel stuck, our [getting started guide](#) is just a click away.

How to connect to your DB:

Step 8: In the left side bar (open it with button in the top left corner), you will find “Browse data”. There select “zeiss-database”

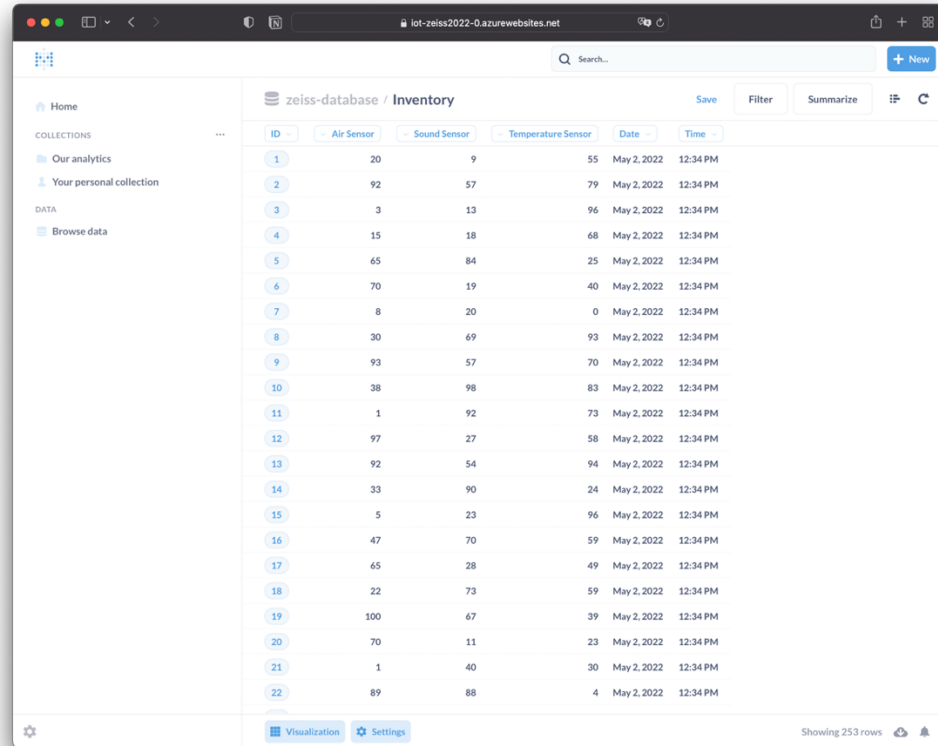


Step 9: Select your table



How to create charts/dashboards:

Step 10: Create a visualization of your data with the “visualization” button below your table

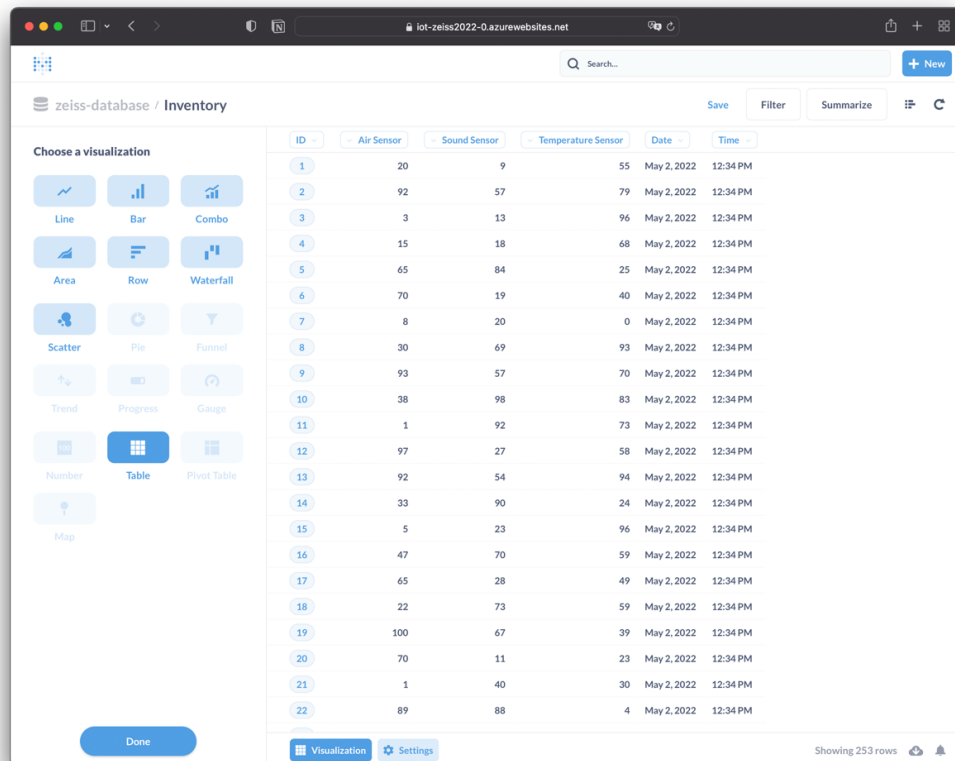


zeiss-database / Inventory

ID	Air Sensor	Sound Sensor	Temperature Sensor	Date	Time
1	20	9	55	May 2, 2022	12:34 PM
2	92	57	79	May 2, 2022	12:34 PM
3	3	13	96	May 2, 2022	12:34 PM
4	15	18	68	May 2, 2022	12:34 PM
5	65	84	25	May 2, 2022	12:34 PM
6	70	19	40	May 2, 2022	12:34 PM
7	8	20	0	May 2, 2022	12:34 PM
8	30	69	93	May 2, 2022	12:34 PM
9	93	57	70	May 2, 2022	12:34 PM
10	38	98	83	May 2, 2022	12:34 PM
11	1	92	73	May 2, 2022	12:34 PM
12	97	27	58	May 2, 2022	12:34 PM
13	92	54	94	May 2, 2022	12:34 PM
14	33	90	24	May 2, 2022	12:34 PM
15	5	23	96	May 2, 2022	12:34 PM
16	47	70	59	May 2, 2022	12:34 PM
17	65	28	49	May 2, 2022	12:34 PM
18	22	73	59	May 2, 2022	12:34 PM
19	100	67	39	May 2, 2022	12:34 PM
20	70	11	23	May 2, 2022	12:34 PM
21	1	40	30	May 2, 2022	12:34 PM
22	89	88	4	May 2, 2022	12:34 PM

Showing 253 rows

Step 11: Select the type of chart you want (e.g. Line)



zeiss-database / Inventory

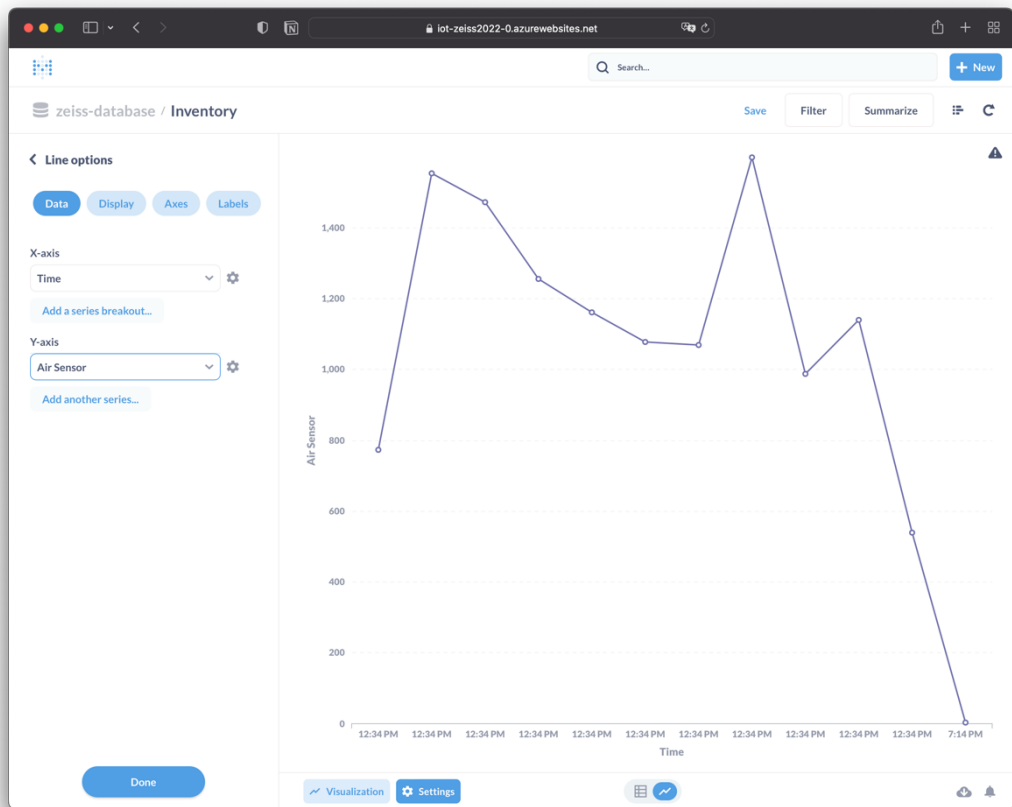
Choose a visualization

- Line
- Bar
- Combo
- Area
- Row
- Waterfall
- Scatter
- Pie
- Funnel
- Trend
- Progress
- Gauge
- Number
- Table**
- Pivot Table
- Map

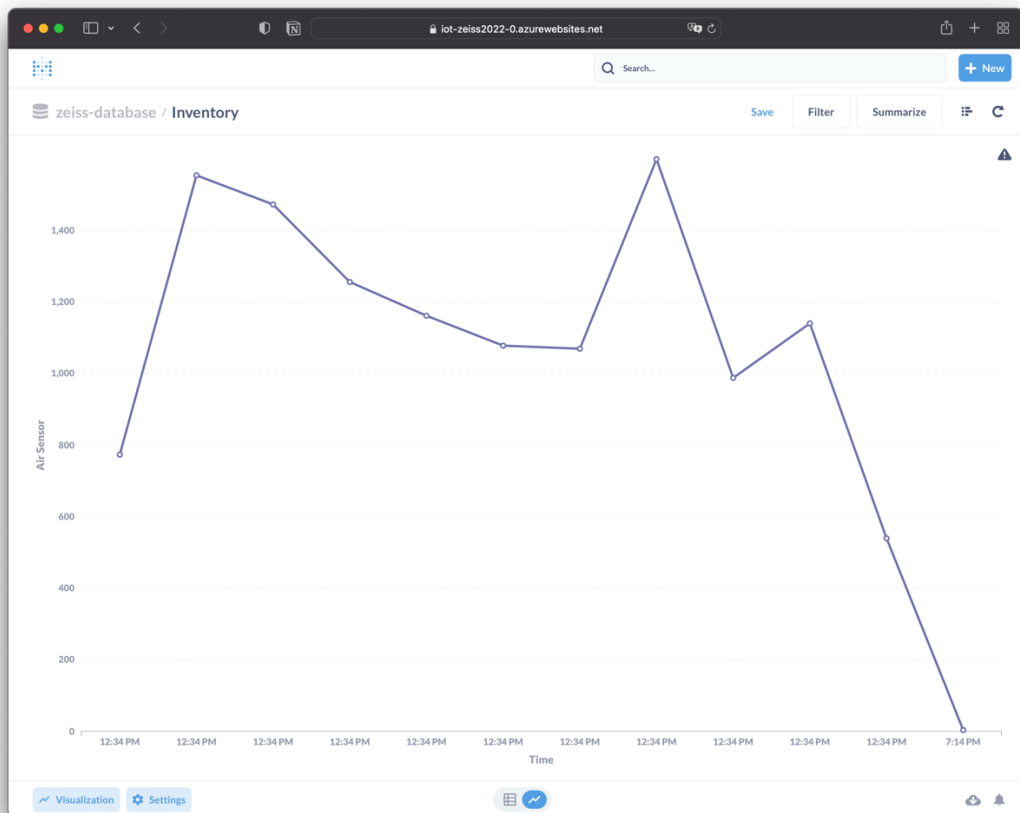
ID	Air Sensor	Sound Sensor	Temperature Sensor	Date	Time
1	20	9	55	May 2, 2022	12:34 PM
2	92	57	79	May 2, 2022	12:34 PM
3	3	13	96	May 2, 2022	12:34 PM
4	15	18	68	May 2, 2022	12:34 PM
5	65	84	25	May 2, 2022	12:34 PM
6	70	19	40	May 2, 2022	12:34 PM
7	8	20	0	May 2, 2022	12:34 PM
8	30	69	93	May 2, 2022	12:34 PM
9	93	57	70	May 2, 2022	12:34 PM
10	38	98	83	May 2, 2022	12:34 PM
11	1	92	73	May 2, 2022	12:34 PM
12	97	27	58	May 2, 2022	12:34 PM
13	92	54	94	May 2, 2022	12:34 PM
14	33	90	24	May 2, 2022	12:34 PM
15	5	23	96	May 2, 2022	12:34 PM
16	47	70	59	May 2, 2022	12:34 PM
17	65	28	49	May 2, 2022	12:34 PM
18	22	73	59	May 2, 2022	12:34 PM
19	100	67	39	May 2, 2022	12:34 PM
20	70	11	23	May 2, 2022	12:34 PM
21	1	40	30	May 2, 2022	12:34 PM
22	89	88	4	May 2, 2022	12:34 PM

Showing 253 rows

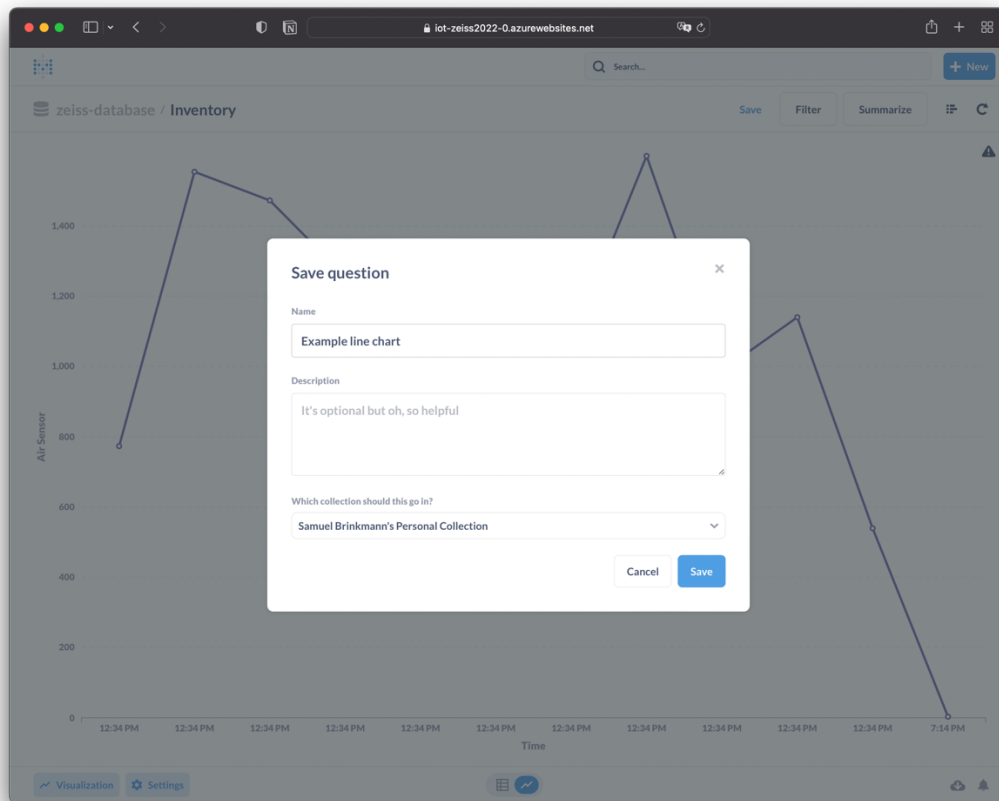
Step 12: Define the last parameters for your chart (e.g. X-axis, Y-axis, Colors, ...) and click “Done”



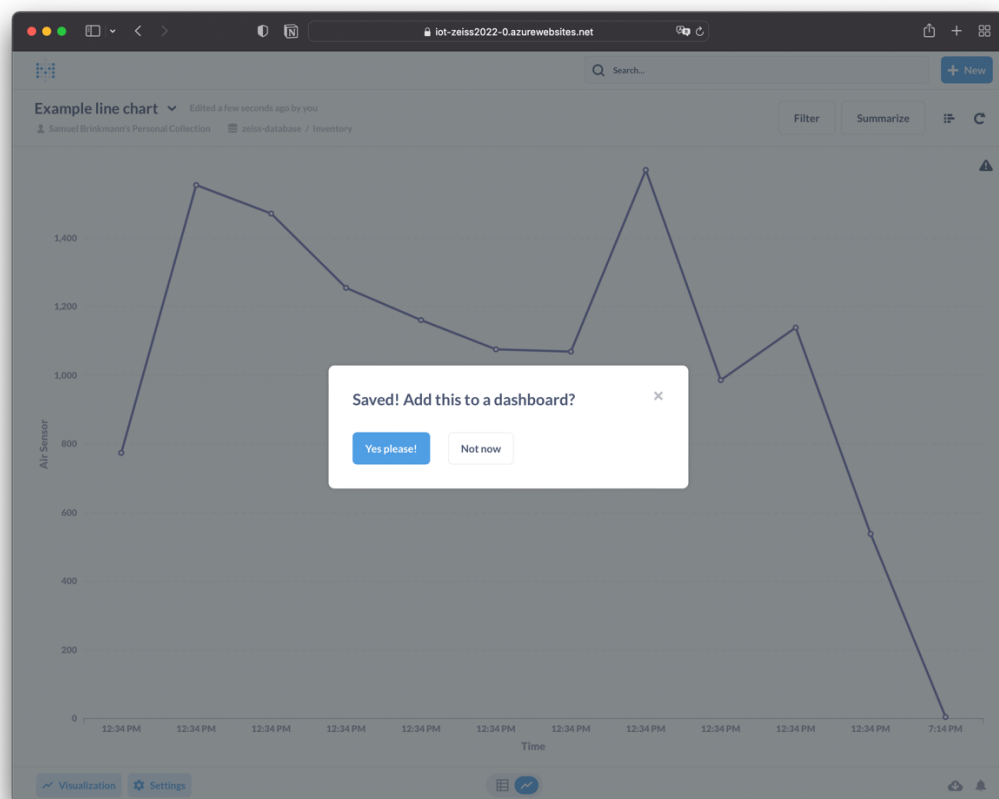
Step 13: Click “save” in the top-right corner to save your chart



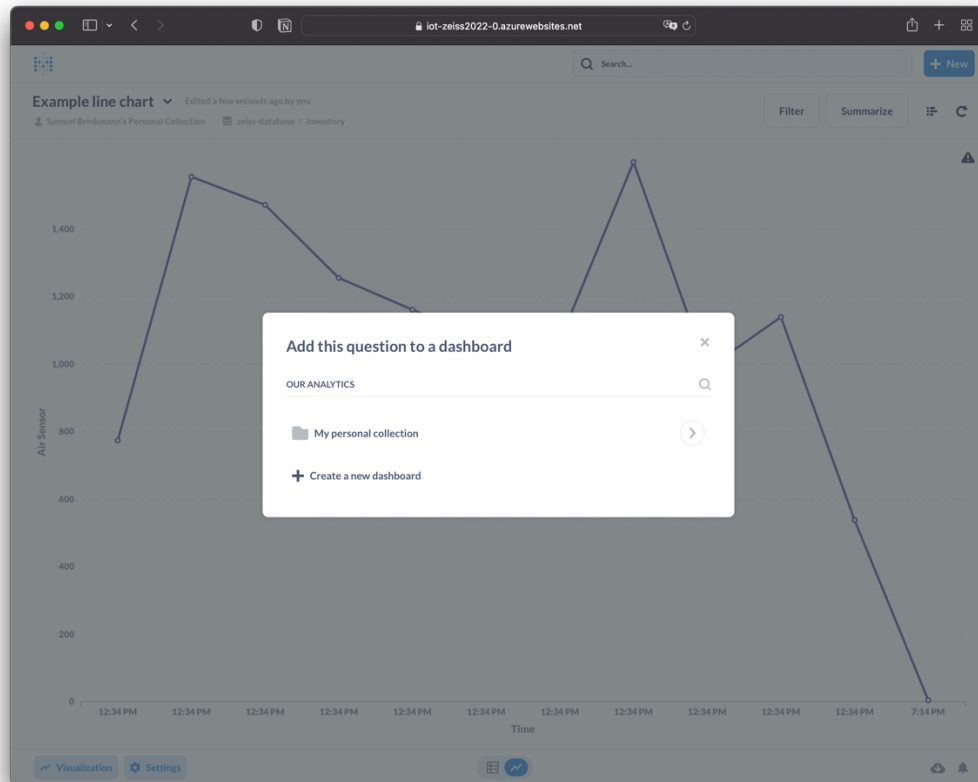
Step 14: Name your chart and select your “personal collection” as location to save your chart



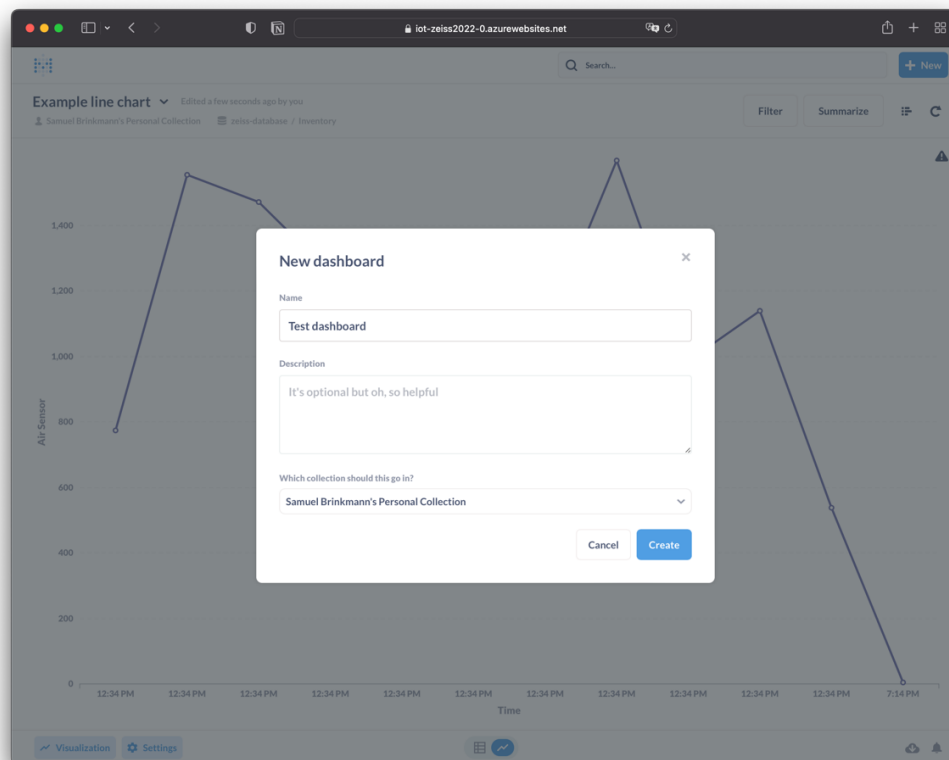
Step 15: Select “Yes please!” to put your chart into a dashboard



Step 16: Select an already created dashboard or create one in your “personal collection” with the “Create a new dashboard” button

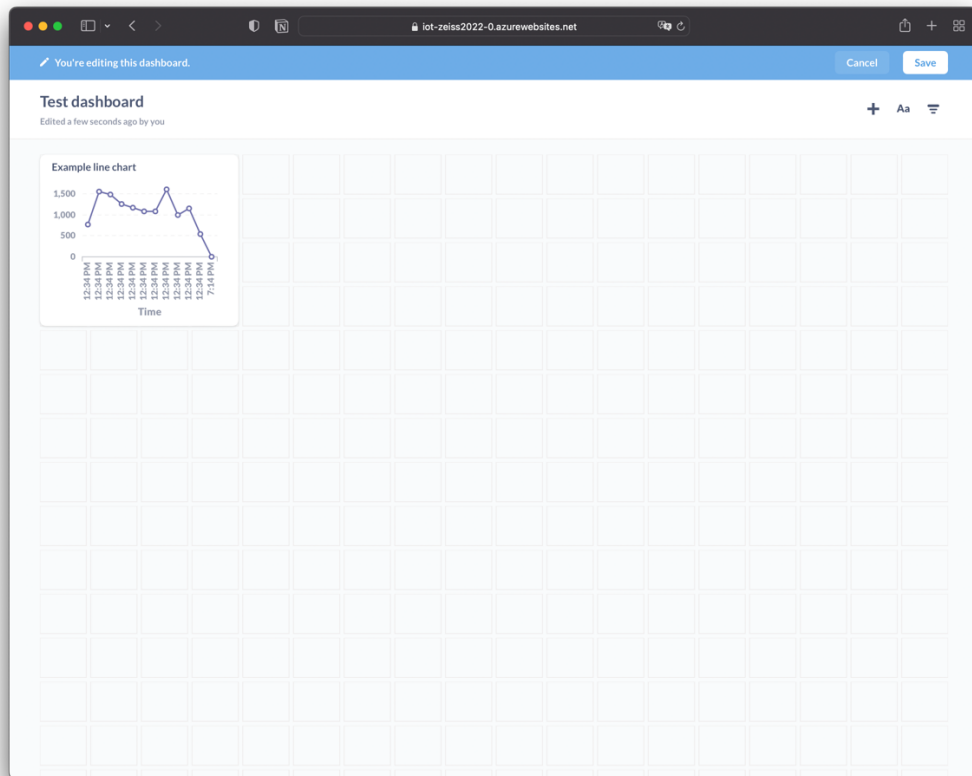


Step 17: If you create a new dashboard, name it and check that your “personal collection” is selected as location. Then click “Create”

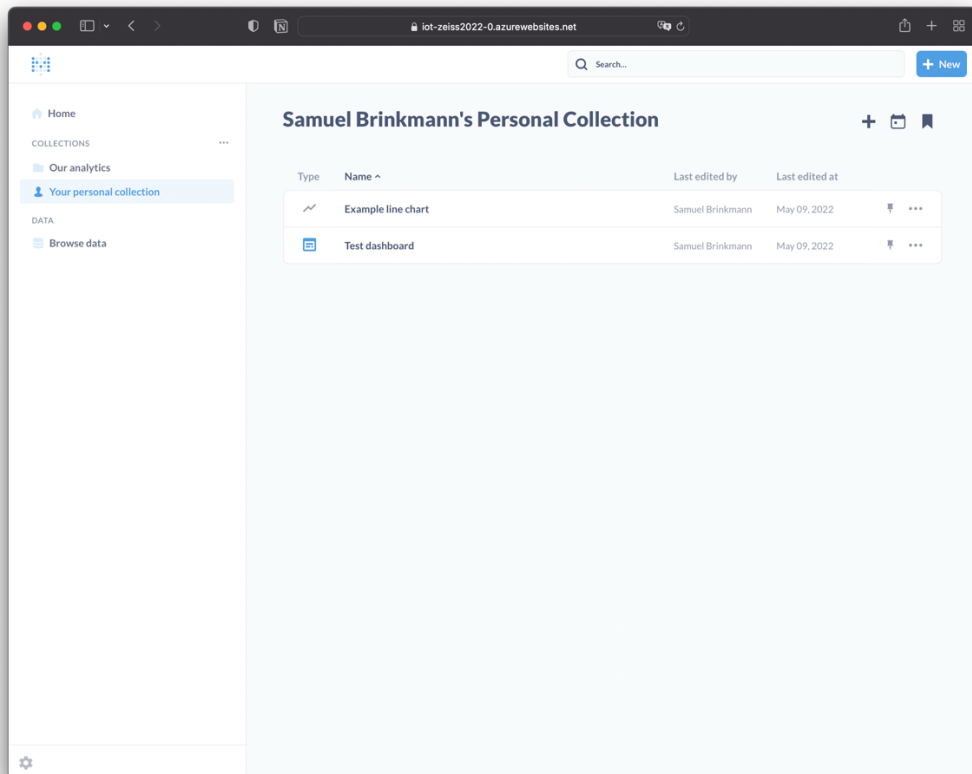


The screenshot shows the MetaBase interface with a line chart titled "Example line chart". A modal titled "New dashboard" is open, showing a form to create a new dashboard. The form includes a "Name" field with the value "Test dashboard", a "Description" field with the value "It's optional but oh, so helpful", and a dropdown menu for "Which collection should this go in?" with the value "Samuel Brinkmann's Personal Collection". The "Create" button is visible.

Step 18: You can now edit your dashboard (and do not forget to save it) or add more charts



Step 19: You can find your charts and dashboards in the section “personal collection” in the left-sidebar



The screenshot shows the MetaBase interface for "Samuel Brinkmann's Personal Collection". The left sidebar contains navigation links: Home, COLLECTIONS (Our analytics, Your personal collection), and DATA (Browse data). The main area displays a table of items in the personal collection.

Type	Name ^	Last edited by	Last edited at	
Line chart	Example line chart	Samuel Brinkmann	May 09, 2022	🗑️ ⋮
Dashboard	Test dashboard	Samuel Brinkmann	May 09, 2022	🗑️ ⋮