

## 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: <https://iot-zeiss2022-1.azurewebsites.net> / iot\_db\_01

Group 2: <https://iot-zeiss2022-2.azurewebsites.net> / iot\_db\_02

Group 3: <https://iot-zeiss2022-3.azurewebsites.net> / iot\_db\_03

Group 4: <https://iot-zeiss2022-4.azurewebsites.net> / iot\_db\_04

Group 5: <https://iot-zeiss2022-5.azurewebsites.net> / iot\_db\_05

Group 6: <https://iot-zeiss2022-6.azurewebsites.net> / iot\_db\_06

Group 7: <https://iot-zeiss2022-7.azurewebsites.net> / iot\_db\_07

Group 8: <https://iot-zeiss2022-8.azurewebsites.net> / iot\_db\_08

Group 9: <https://iot-zeiss2022-9.azurewebsites.net> / iot\_db\_09

Group 10: <https://iot-zeiss2022-10.azurewebsites.net> / iot\_db\_10

Group 11: <https://iot-zeiss2022-11.azurewebsites.net> / iot\_db\_11

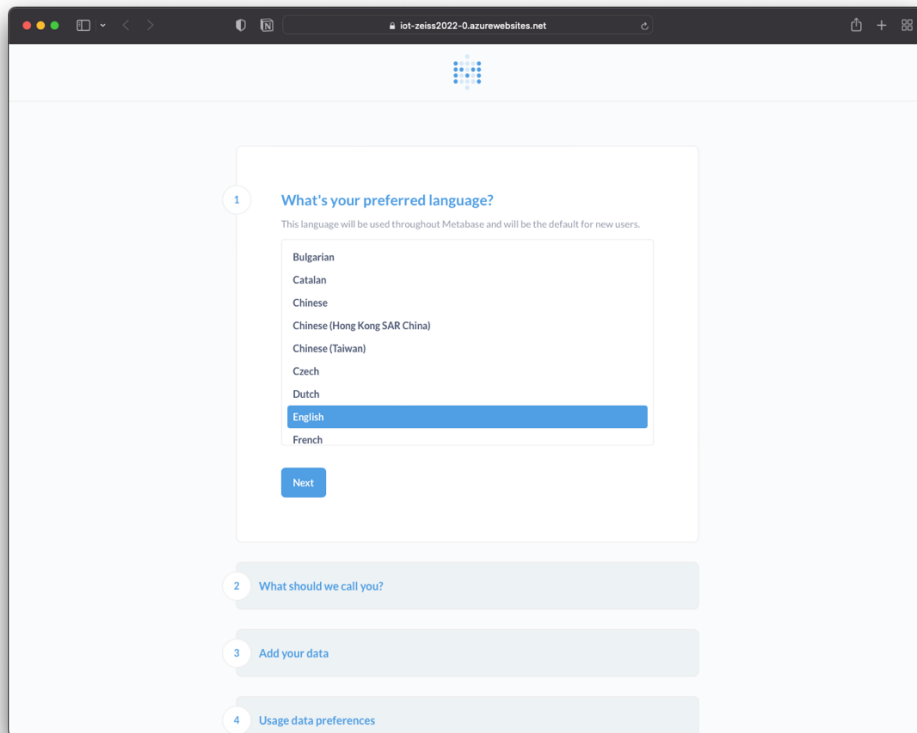
Group 12: <https://iot-zeiss2022-12.azurewebsites.net> / iot\_db\_12

Group 13: <https://iot-zeiss2022-13.azurewebsites.net> / iot\_db\_13

Group 14: <https://iot-zeiss2022-14.azurewebsites.net> / iot\_db\_14

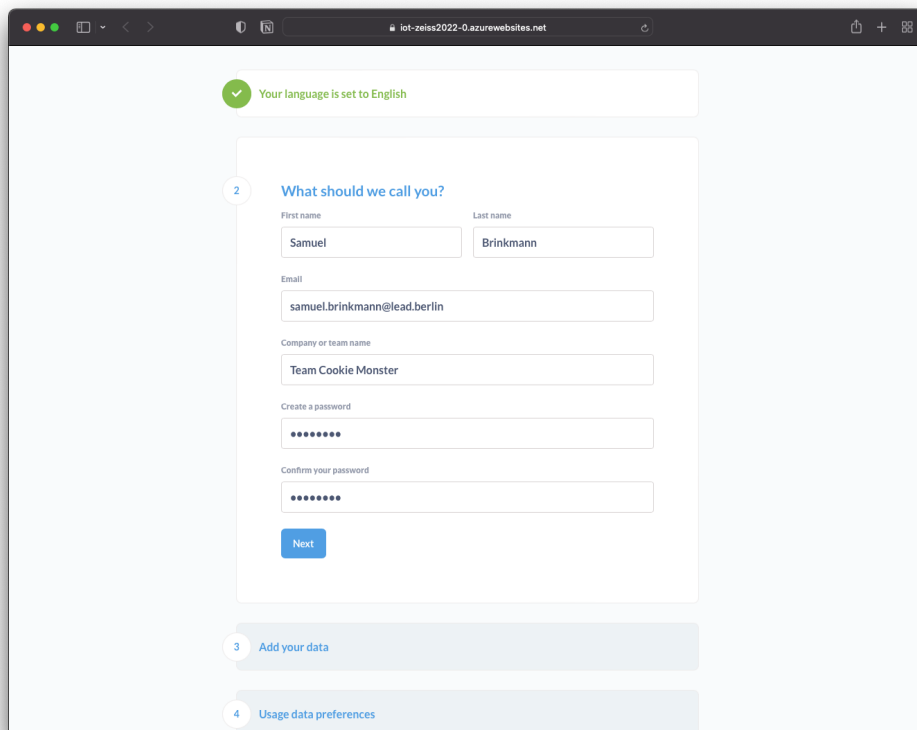
Group 15: <https://iot-zeiss2022-15.azurewebsites.net> / iot\_db\_15

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



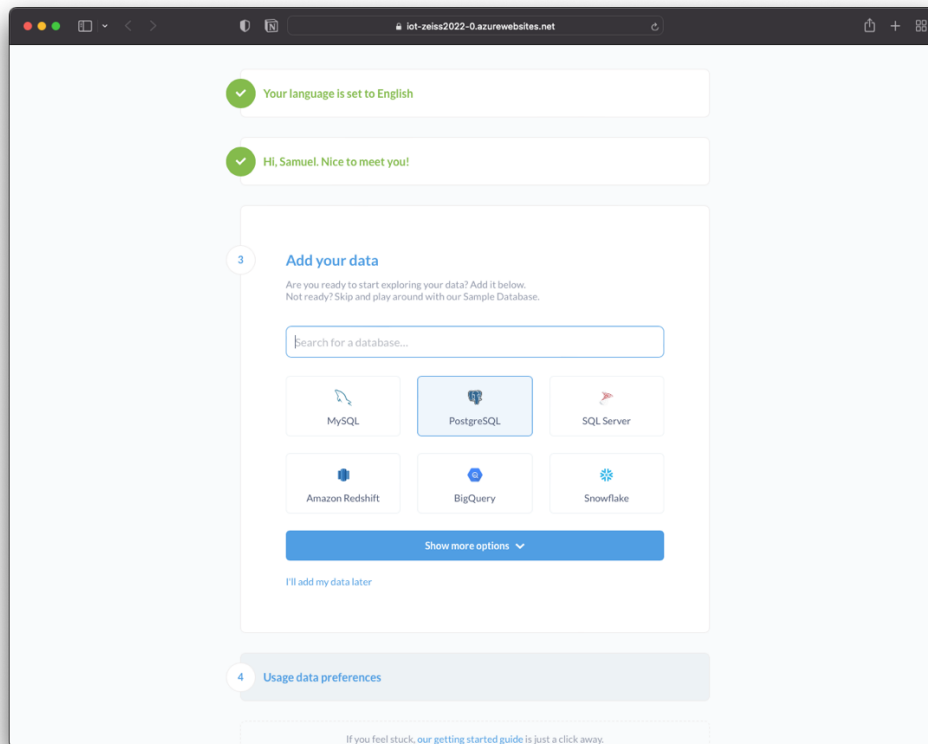
The screenshot shows a web browser window with the URL `iot-zeiss2022-0.azurewebsites.net`. The page displays a language selection interface. At the top, a progress bar indicates four steps: 1. What's your preferred language? (active), 2. What should we call you?, 3. Add your data, and 4. Usage data 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 at 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 step 2 as active. The form for 'What should we call you?' includes fields for First name (filled with 'Samuel'), Last name (filled with 'Brinkmann'), Email (filled with 'samuel.brinkmann@lead.berlin'), Company or team name (filled with 'Team Cookie Monster'), Create a password (filled with '\*\*\*\*\*'), and Confirm your password (filled with '\*\*\*\*\*'). A blue 'Next' button is 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`

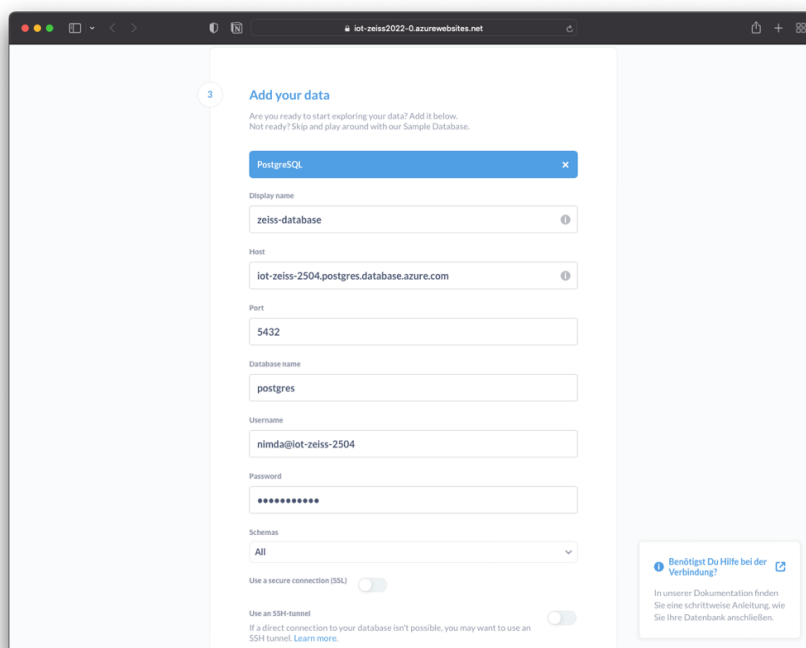
**Port:** 5432

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

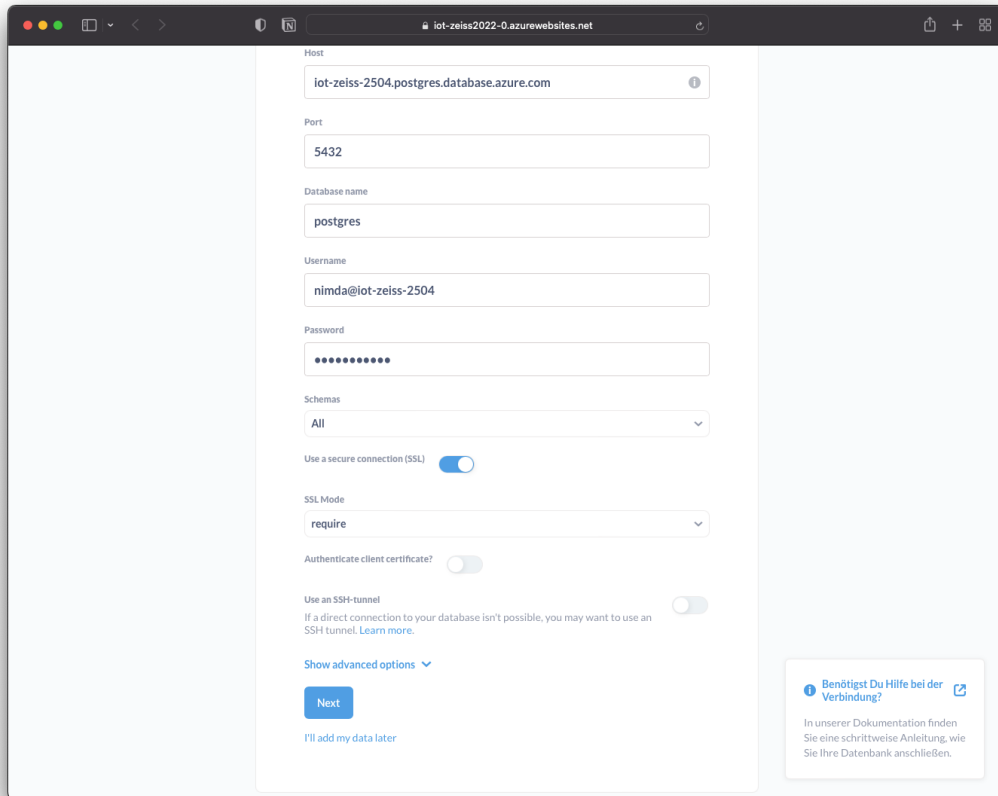
**Username:** `nimda@iot-zeiss-2504`

**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.](#)

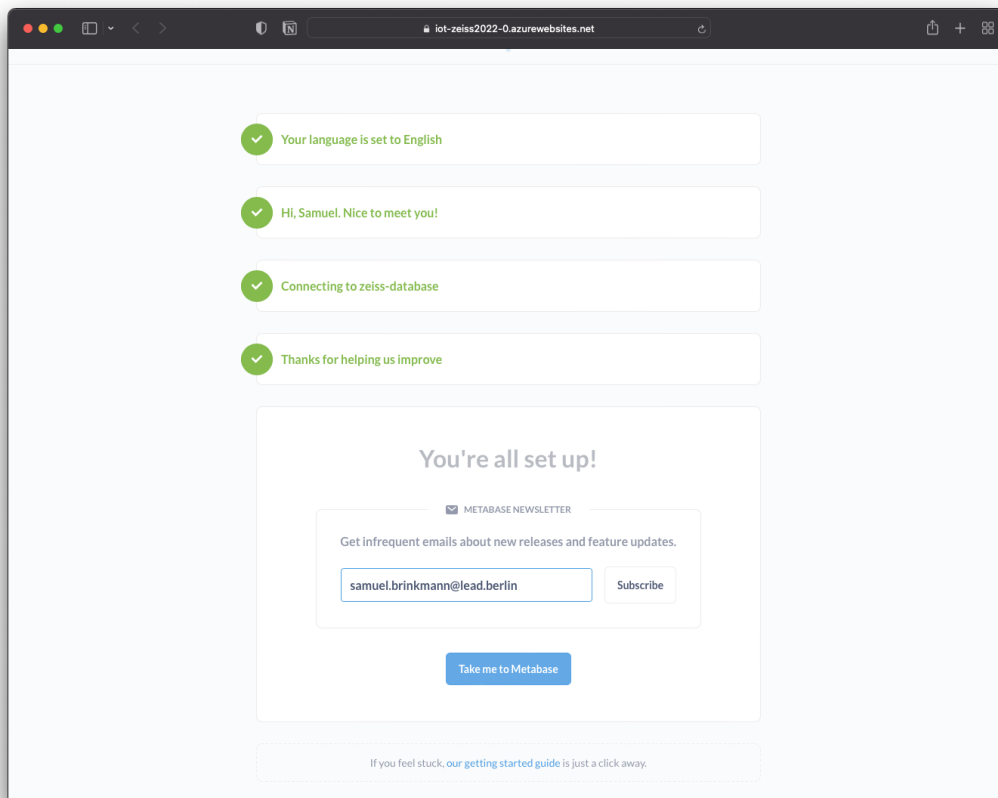
Show advanced options ☐

[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.

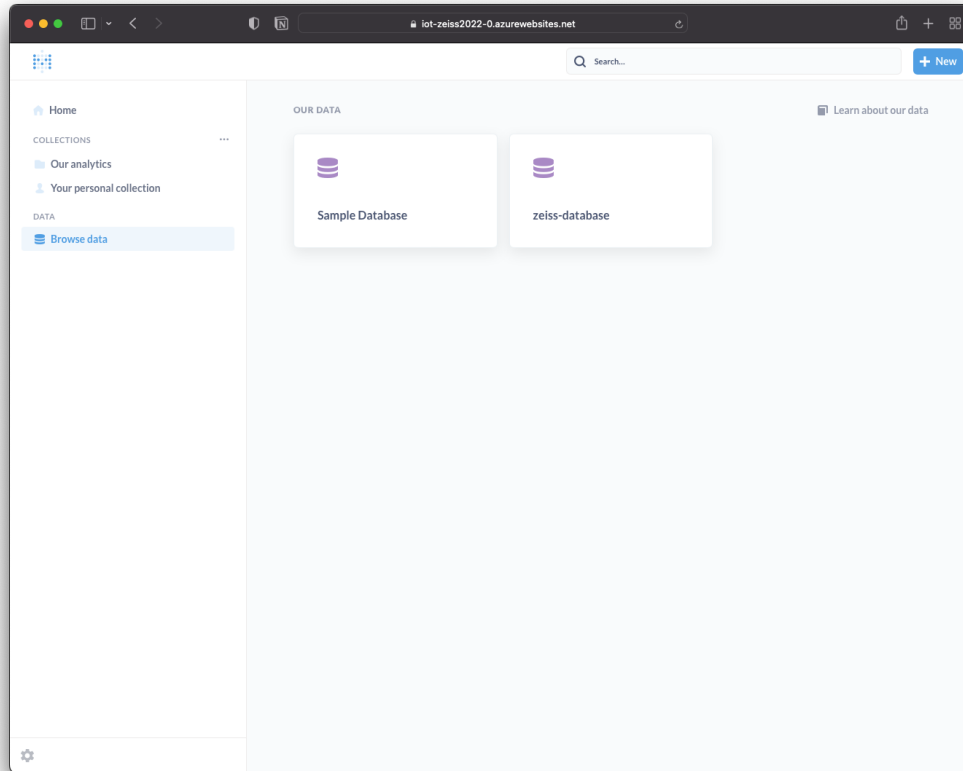
[Subscribe](#)

[Take me to Metabase](#)

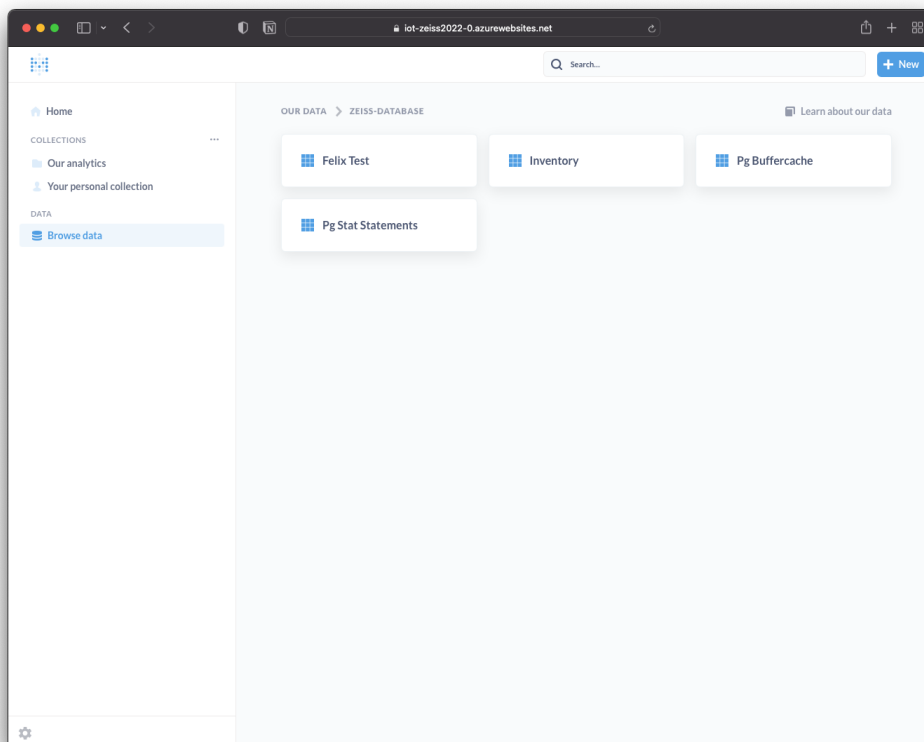
If you feel stuck, our [getting started guide](#) is just a click away.

## 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”

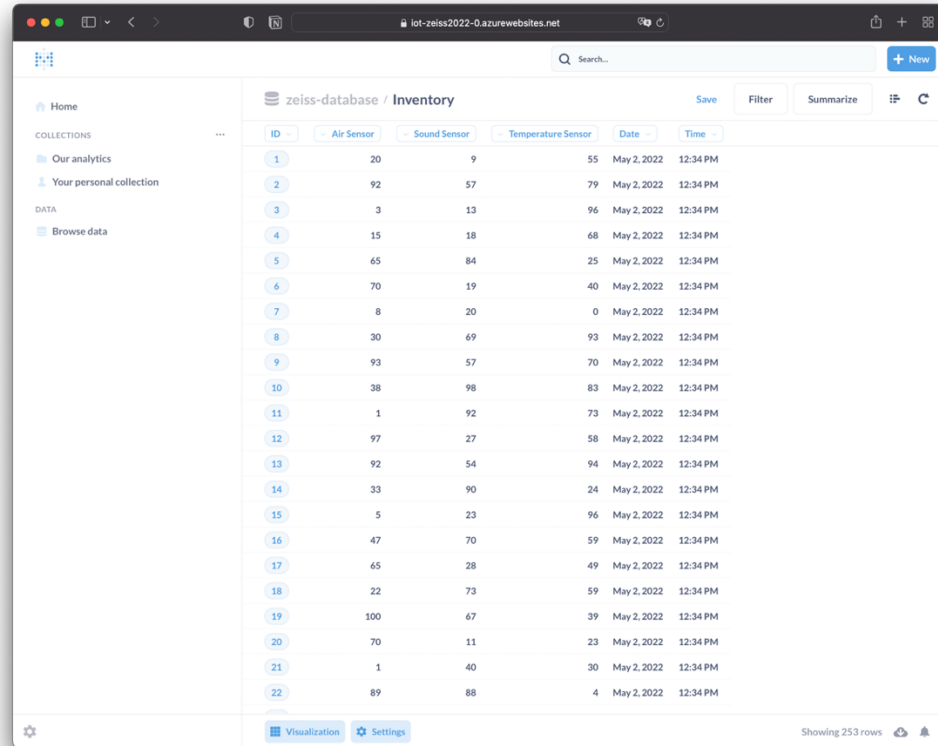


## Step 9: Select your table



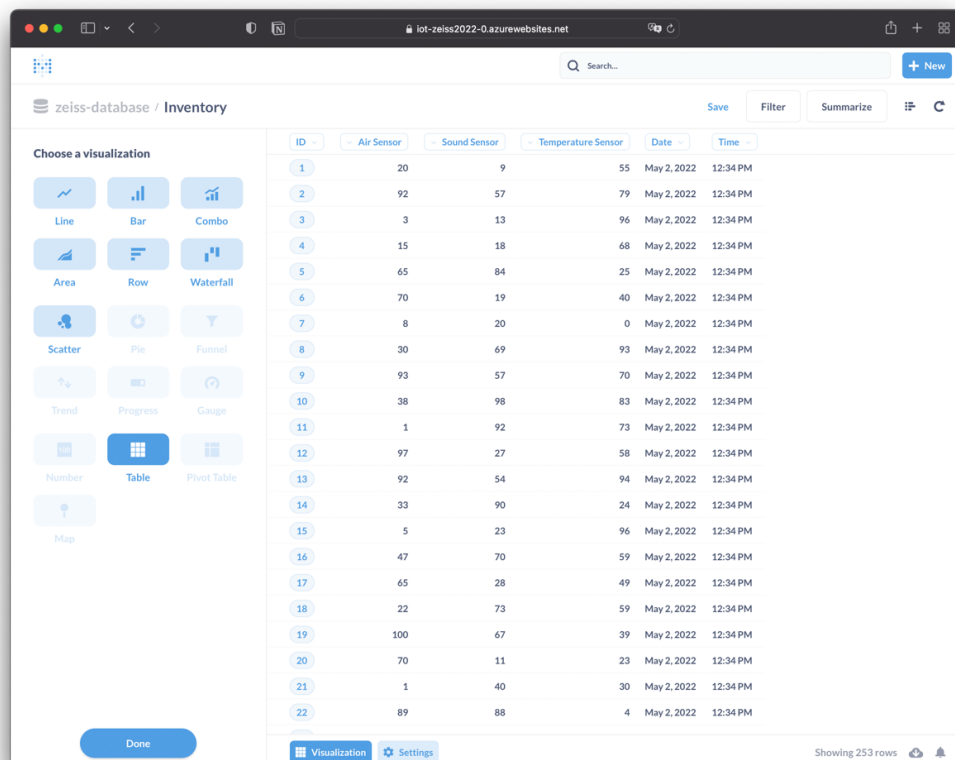
## How to create charts/dashboards:

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



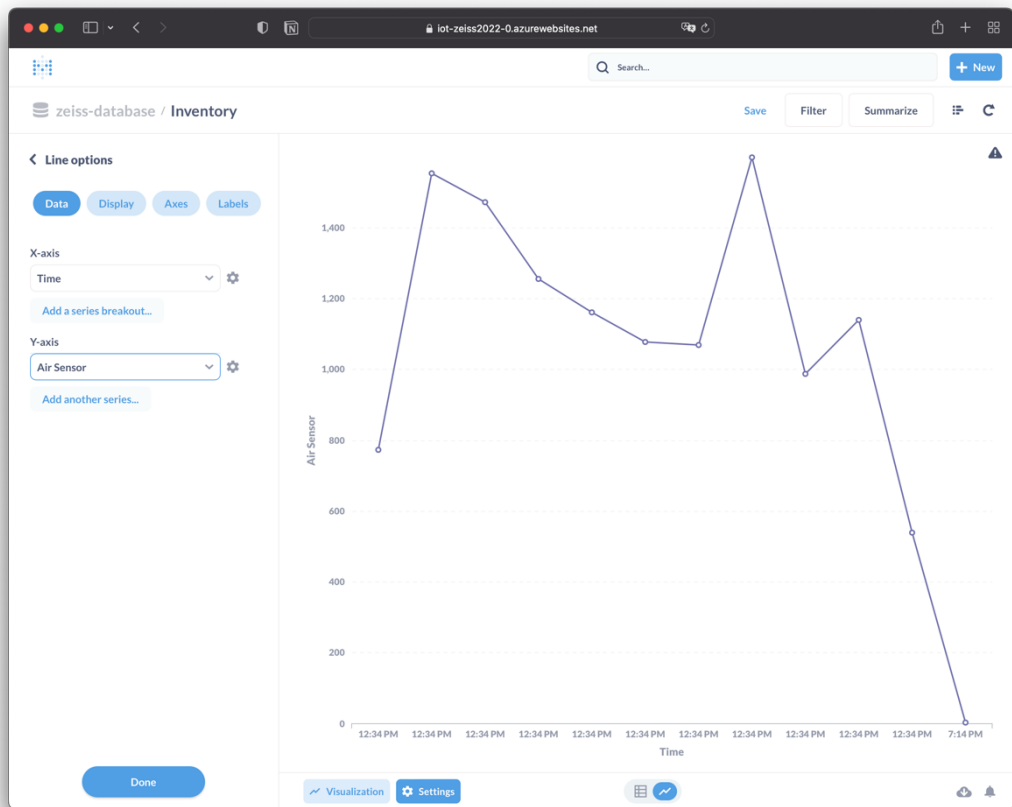
ID	Air Sensor	Sound Sensor	Temperature Sensor	Date	Time
1	20	9	55	May 2, 2022	12:34 PM
2	92	57	79	May 2, 2022	12:34 PM
3	3	13	96	May 2, 2022	12:34 PM
4	15	18	68	May 2, 2022	12:34 PM
5	65	84	25	May 2, 2022	12:34 PM
6	70	19	40	May 2, 2022	12:34 PM
7	8	20	0	May 2, 2022	12:34 PM
8	30	69	93	May 2, 2022	12:34 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

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

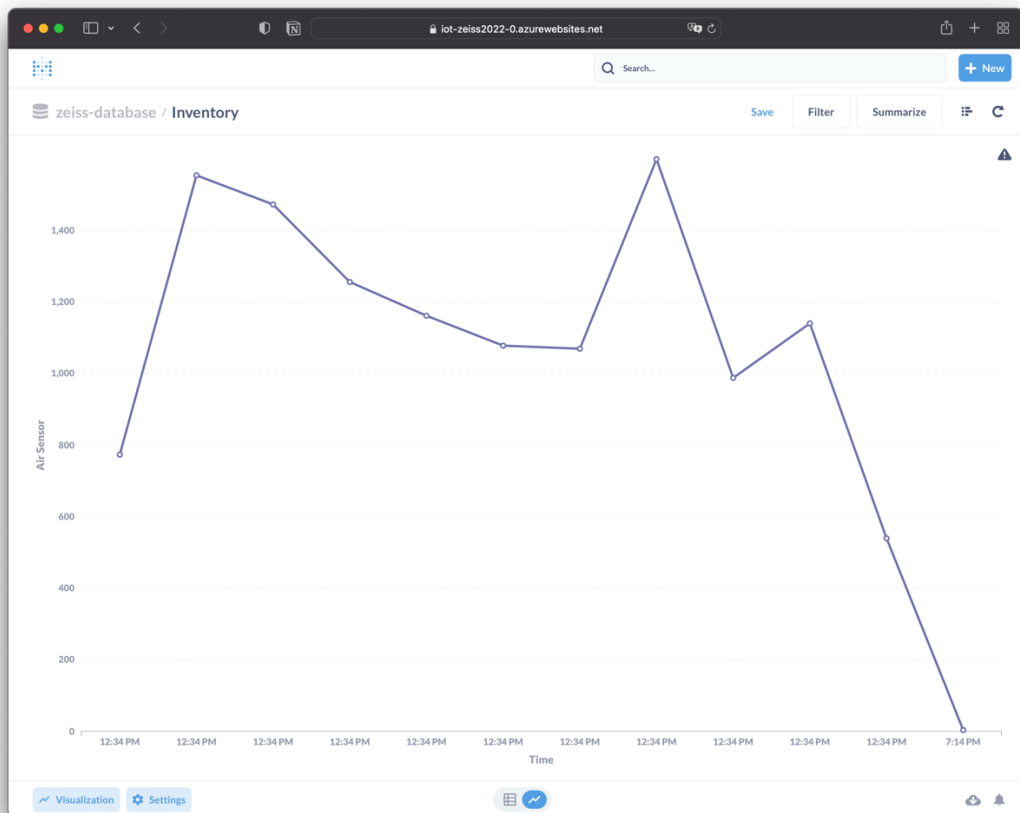


ID	Air Sensor	Sound Sensor	Temperature Sensor	Date	Time
1	20	9	55	May 2, 2022	12:34 PM
2	92	57	79	May 2, 2022	12:34 PM
3	3	13	96	May 2, 2022	12:34 PM
4	15	18	68	May 2, 2022	12:34 PM
5	65	84	25	May 2, 2022	12:34 PM
6	70	19	40	May 2, 2022	12:34 PM
7	8	20	0	May 2, 2022	12:34 PM
8	30	69	93	May 2, 2022	12:34 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

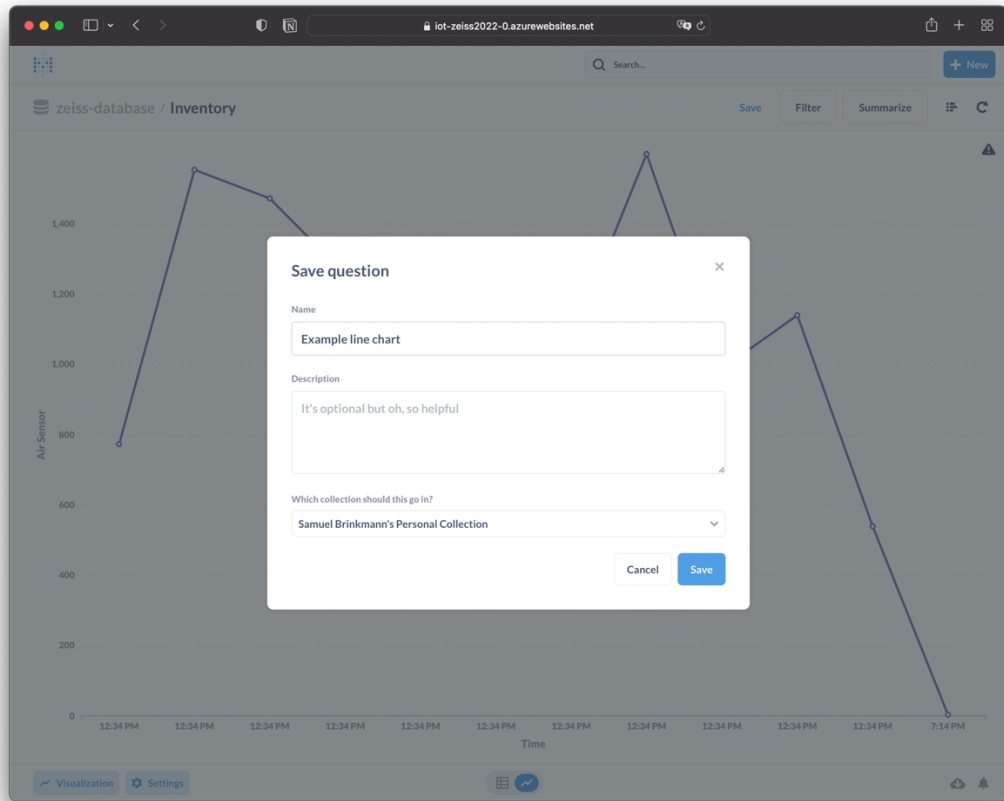
**Step 12:** Define the last parameters for your chart (e.g. X-axis, Y-axis, Colors, ...) and click “Done”



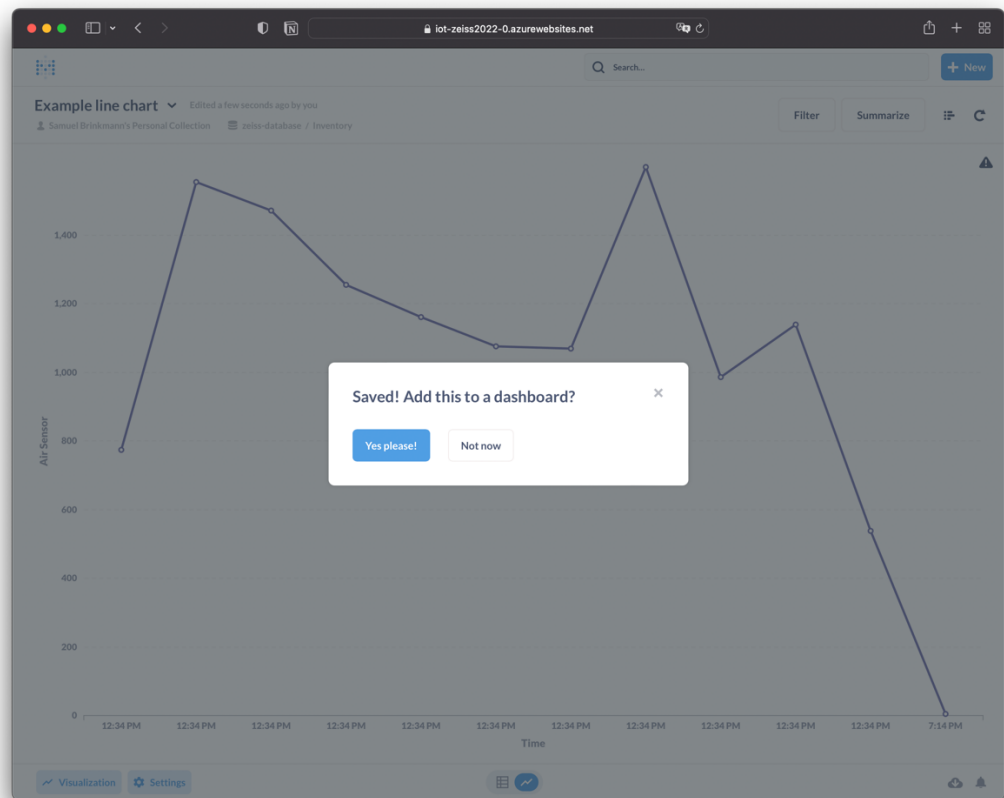
**Step 13:** Click “save” in the top-right corner to save your chart



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

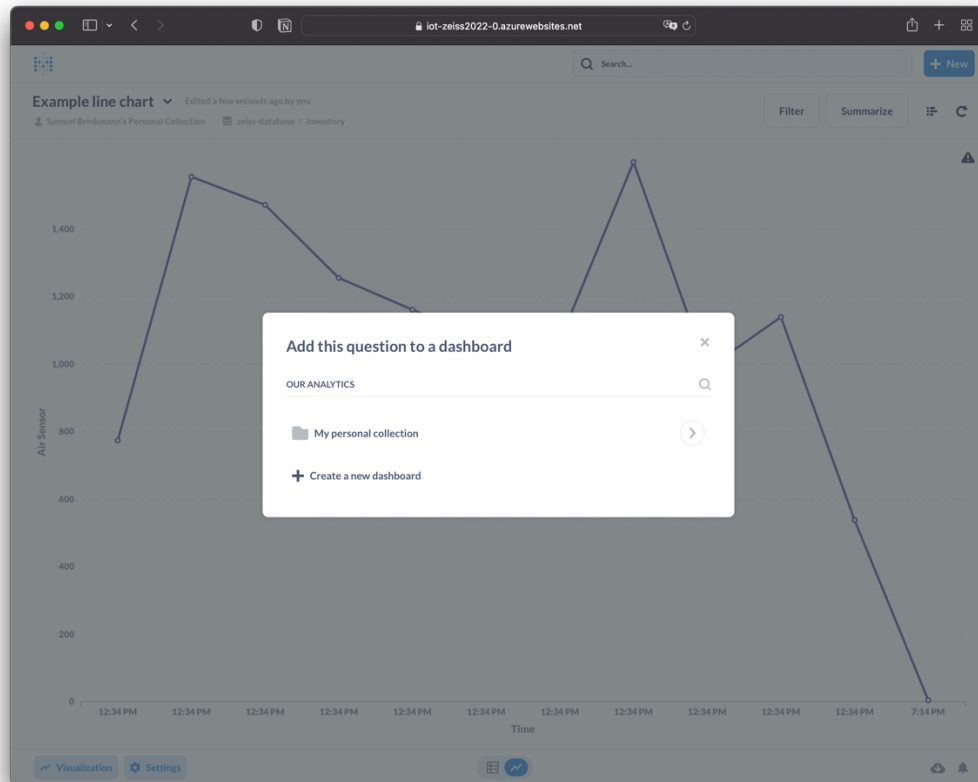


Step 15: Select “Yes please!” to put your chart into a dashboard

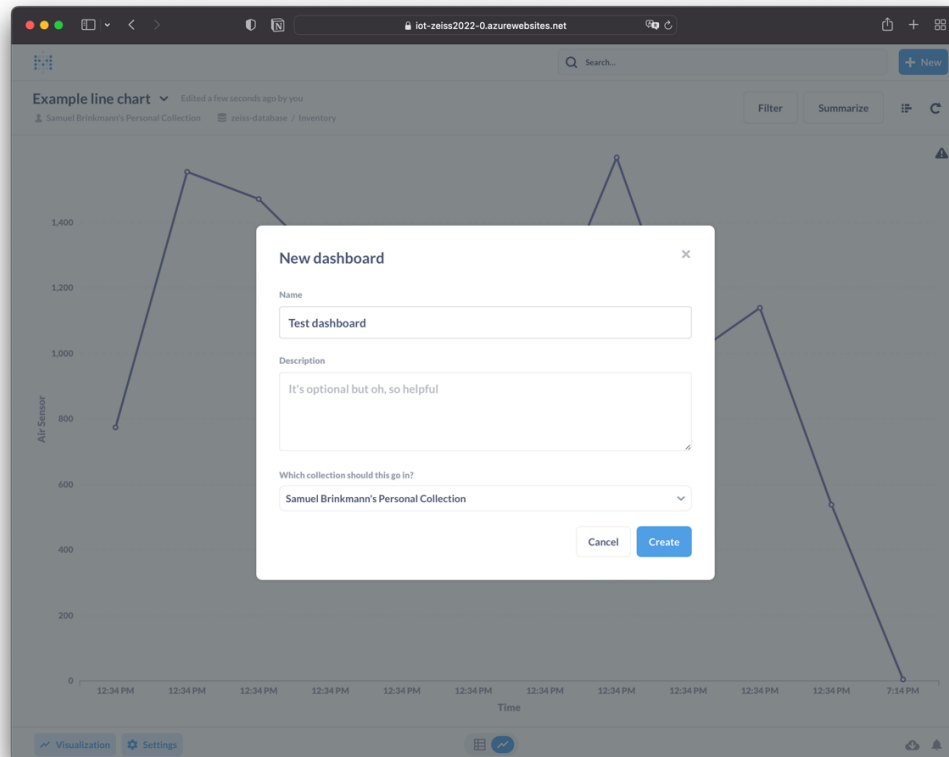




**Step 16:** Select an already created dashboard or create one in your “personal collection” with the “Create a new dashboard” button

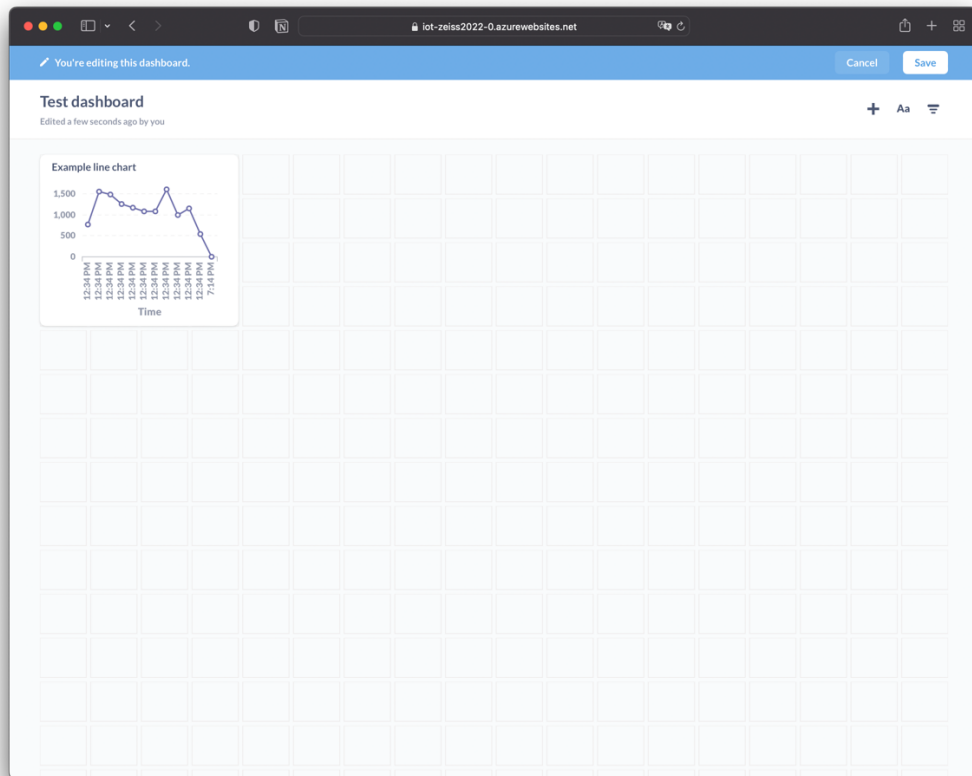


**Step 17:** If you create a new dashboard, name it and check that your “personal collection” is selected as location. Then click “Create”

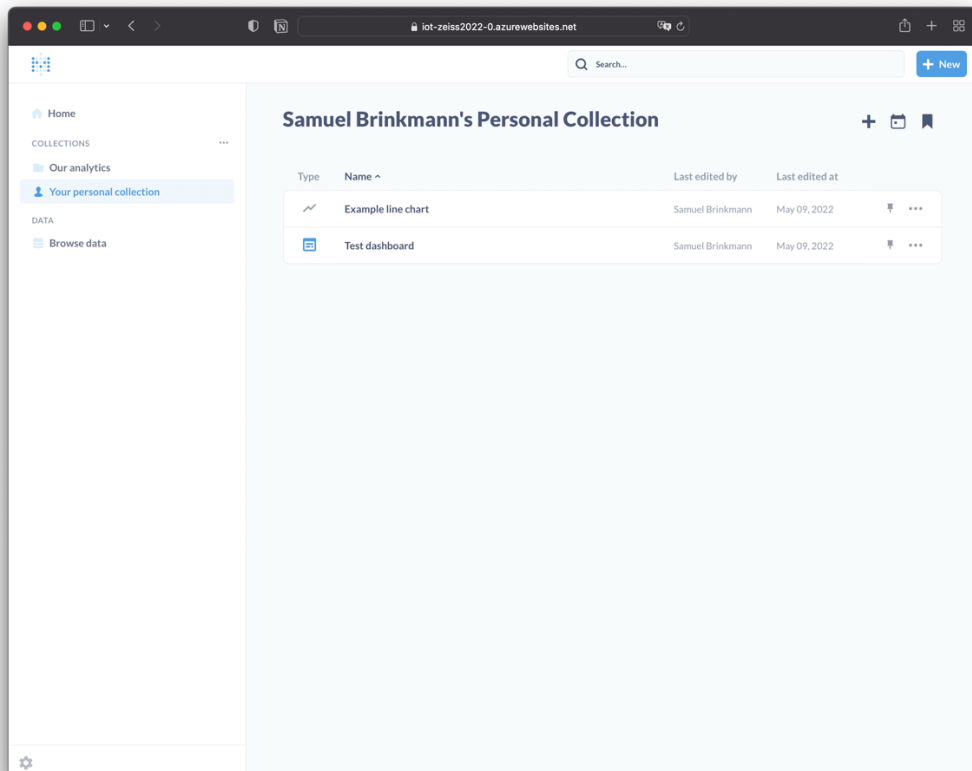


The screenshot shows the MetaBase interface with a line chart titled "Example line chart". A modal titled "New dashboard" is open, showing a form to create a new dashboard. The form includes a "Name" field with the value "Test dashboard", a "Description" field with the value "It's optional but oh, so 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 displays the "Samuel Brinkmann's Personal Collection" page. The left sidebar shows a navigation menu with "Home", "COLLECTIONS", "Our analytics", "Your personal collection" (highlighted), and "DATA". The main content area shows 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	🔍 ...