

Round 3 Challenge

Techwars 2025-2026

Overview

So far, you will have hopefully designed a fully working Grafana Dashboard. Now, to finish up, you must add one additional element to it.

The Challenge

Add at least one graph that incorporates the average of real-time data.

You are encouraged to obtain your data from APIs, but if you cannot feasibly do this (due to paywalled or unavailable data), you need to simulate continuously updating data.

Take the average of this data for short intervals and showcase the change in your Dashboard.

Examples

- Live daily average temperatures
- Average time taken by Sherlock Holmes to solve a crime per week
- Average duration of movies released per week

As you can see, there are no restrictions. As long as the live data makes sense in your setup. If you have already added live data, you should add another additional average live data point.

Your NodeRED workflow should automatically gather the data at your chosen interval.

Notes

- Maximum time between two data points: **one day**
- Maximum time between two averages: **one week**