

As part of our hiring process, we ask you to complete a technical test. The goal is not only to evaluate your technical skills, but also your approach to problem-solving, code quality, and how you document your work.

Instructions

- **Choose ONE** of the two **cases** below.
- You can use **any tools, frameworks, or languages** you prefer.
- Please share your solution with us at least **24 hours before** your technical interview.
- The deliverable can be a GitHub repo, zip file, or any other format you find suitable.

Case 1: Energinet Data Pipeline

Build a simple data pipeline using data from Energinet's API. (API docs: <https://api.energidataservice.dk/index.html>)

Requirements:

- Use a relevant dataset to our business
- Fetch and store the data
- Perform a small analysis or visualization on top of the data

Example:

Fetch hourly electricity spot prices, store them in a Parquet file, and build a simple Plotly dashboard showing daily average prices over time.

Case 2: Varmelast data

Build a small pipeline that fetches data from [Varmelast's main page](#), which shows live district heating production.

Requirements:

- Get the data (anyway you see fit) and process the data
- Produce some meaningful output based on the data
- Package the entire process in a Docker container

Example:

Get current District heating production, process the data to calculate hourly averages, and include a trigger/alert if the production exceeds a set threshold.