SIGNALZ V6

GETTING STARTED WITH SIGNALZ.

NOVEMBER 2019.

signalz

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Introduction.

Getting started with SignalZ in 3 steps:

1. Connect your sensors to the SignalZ platform.
2. Analyze raw sensor data using the SignalZ platform.
3. Create algorithms, reports and dashboards.

INTRODUCTION

What is SignalZ?

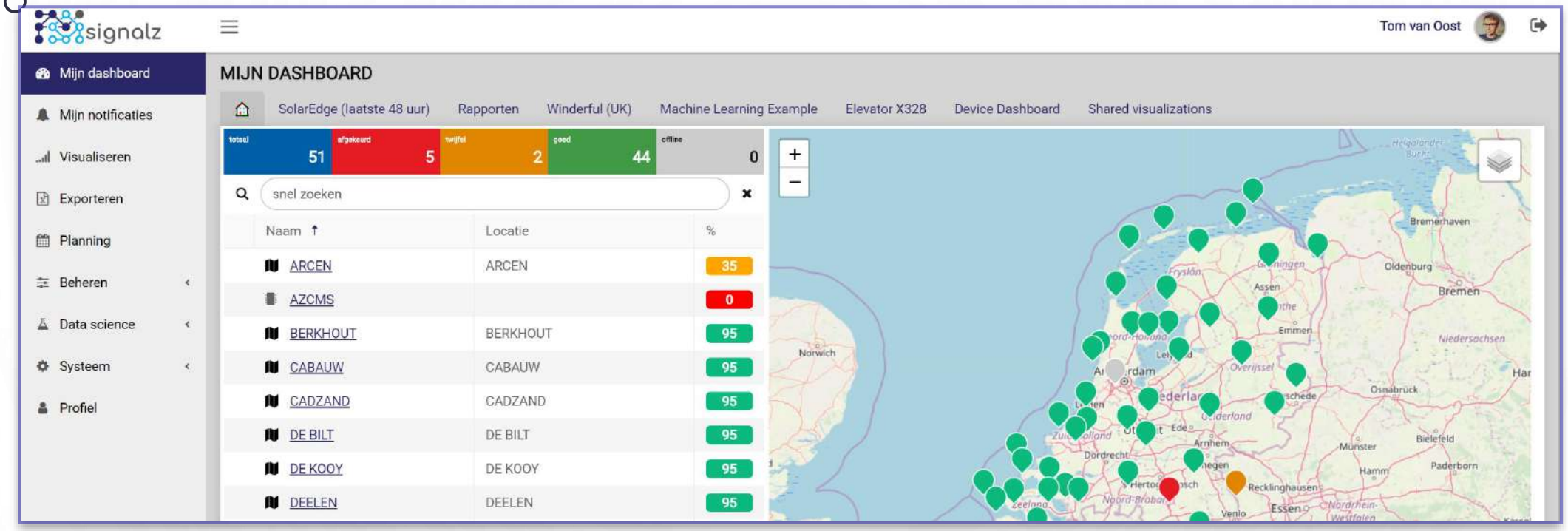
SignalZ is a scalable Internet-of-Things platform with an open architecture*.

It runs on-premise and in the cloud. (Azure)

What can I do with the SignalZ IoT platform?

- Connect sensors and devices to SignalZ and start collecting data.
- Create algorithms using R and/or Python to analyze incoming data. (AI, machine learning)
- Build custom dashboards and reports to visualize your sensor/machine data.

*OData, RESTful API, Power BI integration.



STEP 1: CONNECTING YOUR SENSORS

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2 options:

- **Push** sensordata directly to our secure RESTful API endpoint:

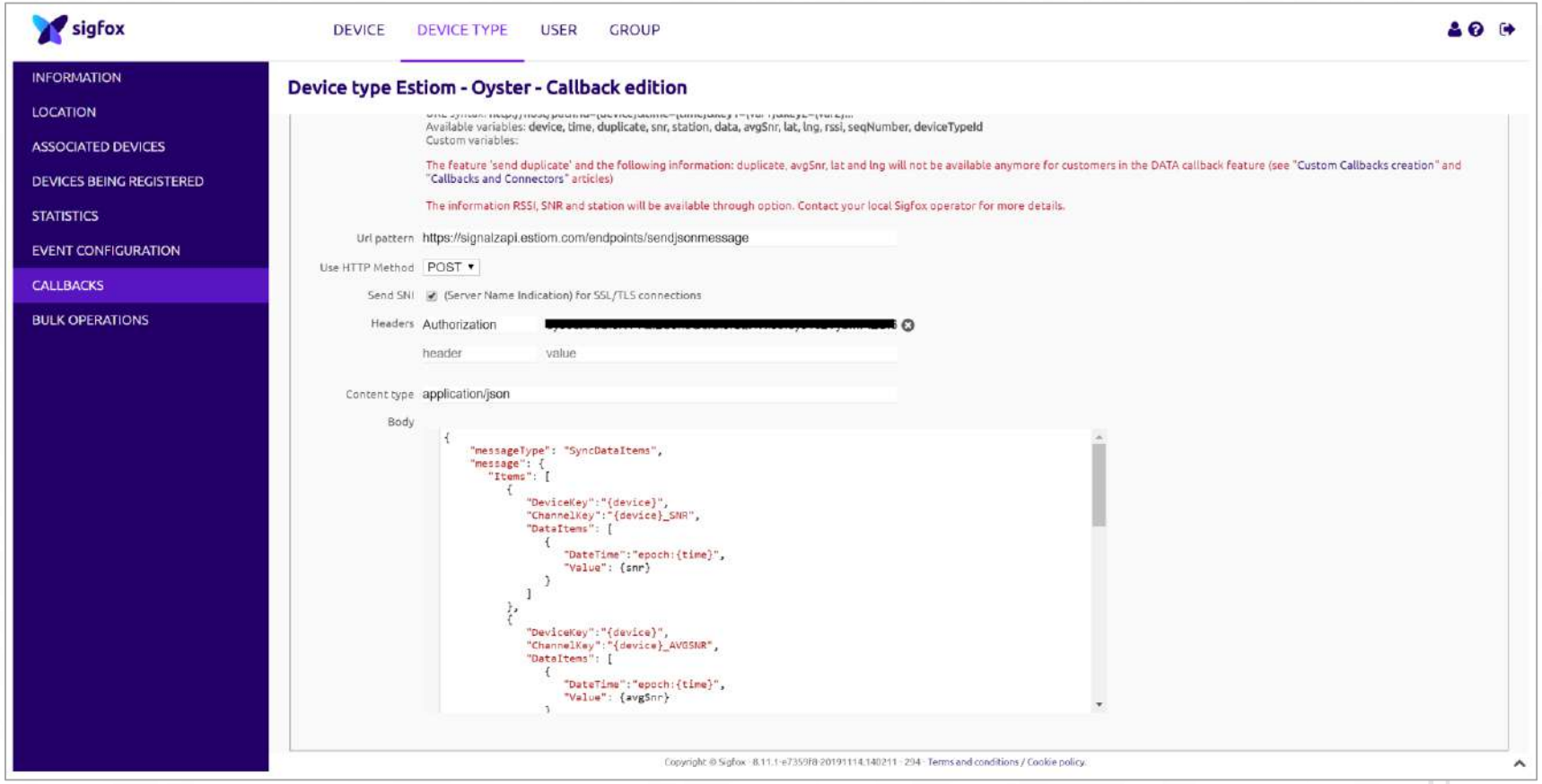
- **Pull** sensordata from your devices/sensors using standard SignalZ IoT connectors or custom Python jobs.

STEP 1: CONNECTING YOUR SENSORS

Push example using Sigfox:

Configure the SignalZ API endpoint as a callback in Sigfox.

The connection is secured by SSL and you need a valid API token.

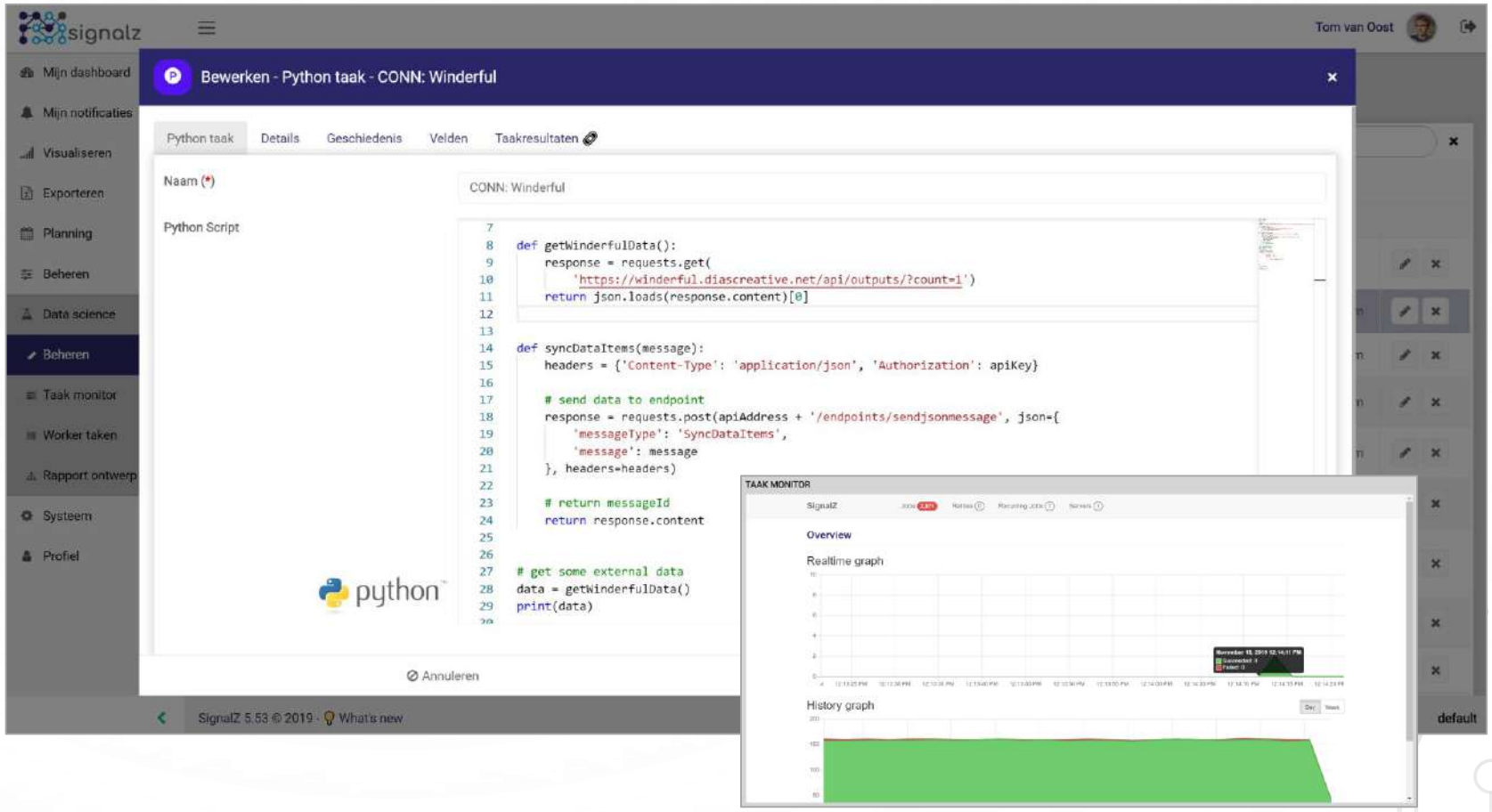


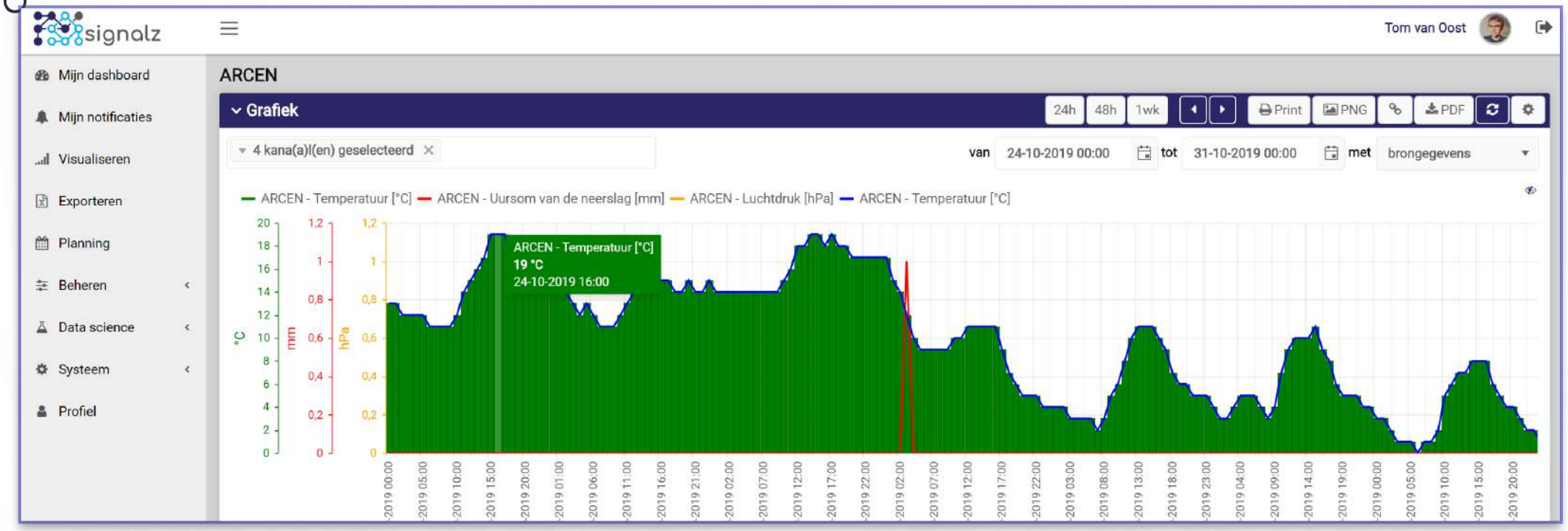
STEP 1: CONNECTING YOUR SENSORS

Pull example using a custom Python job:

Write your own Python job to pull data from your sensors, directly in SignalZ.

Schedule your job to run on the SignalZ job server.





STEP 2: ANALYZE RAW SENSOR DATA USING THE SIGNALZ PLATFORM

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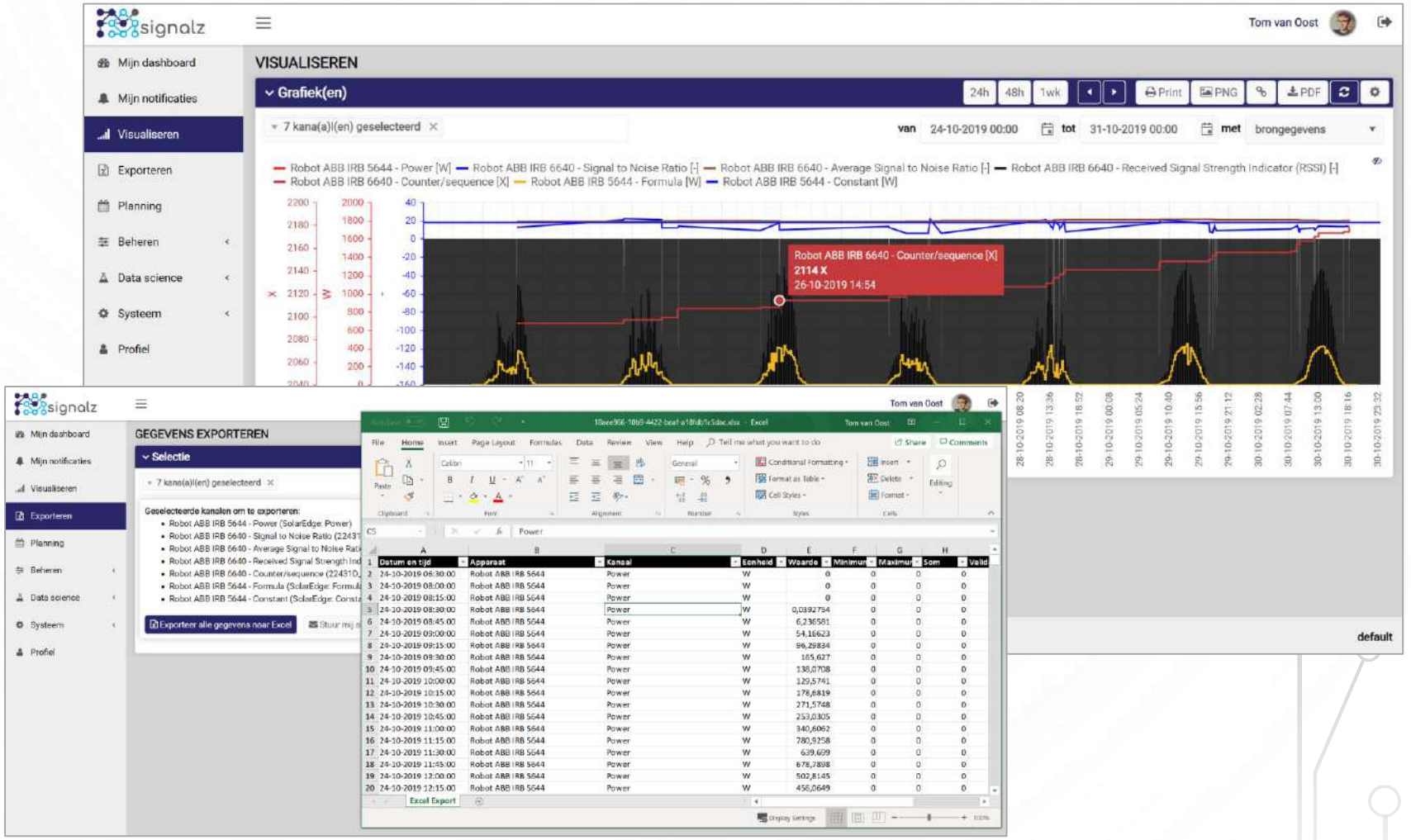
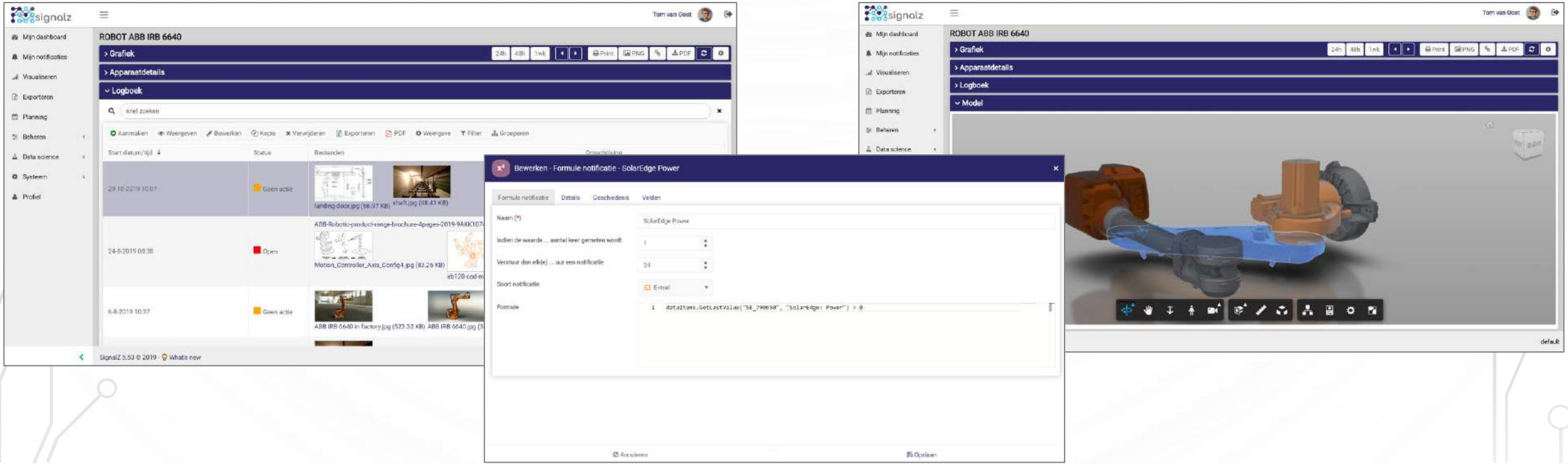
Your sensordata is now available in SignalZ!

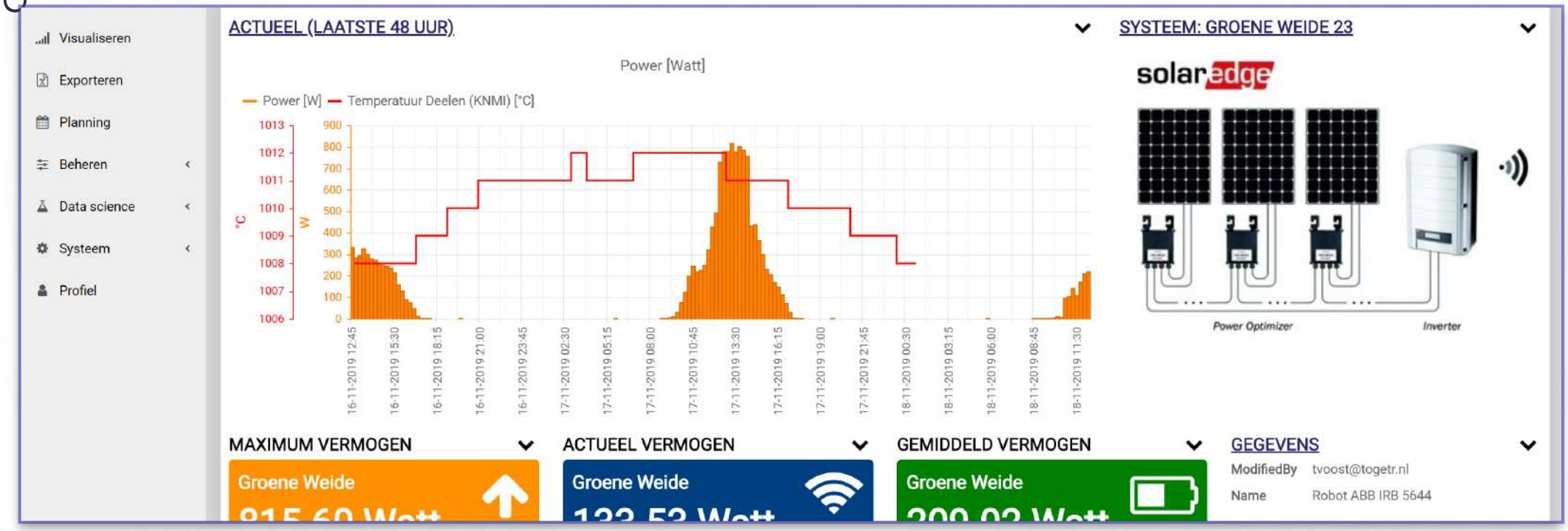
Analyse the raw data using the SignalZ webinterface or export data to Microsoft Excel or Power BI.



STEP 2: ANALYZE RAW SENSOR DATA USING THE SIGNALZ PLATFORM.

For more information watch the SignalZ BASICS demo video:





STEP 3: CREATE ALGORITHMS, REPORTS AND DASHBOARDS.

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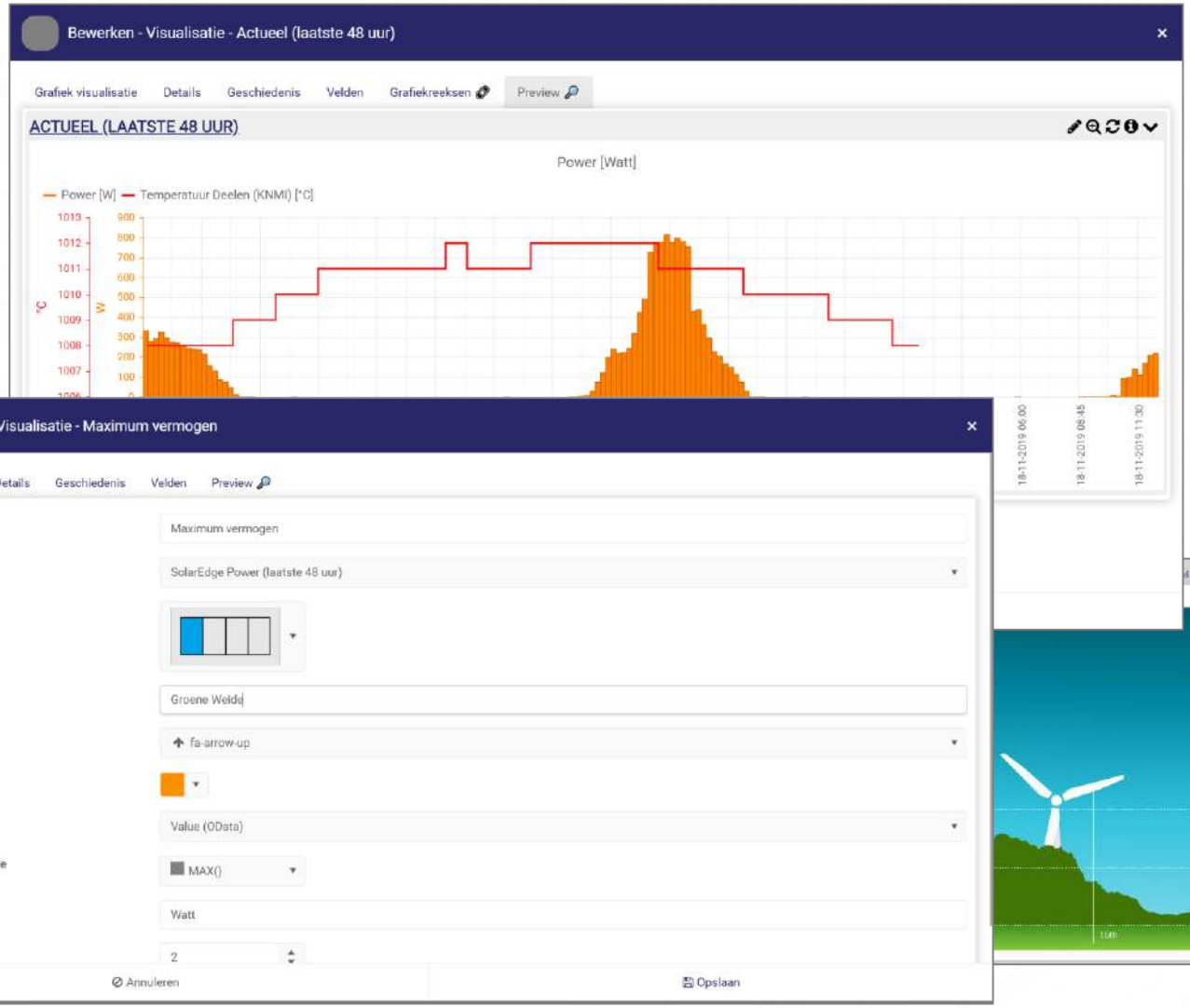
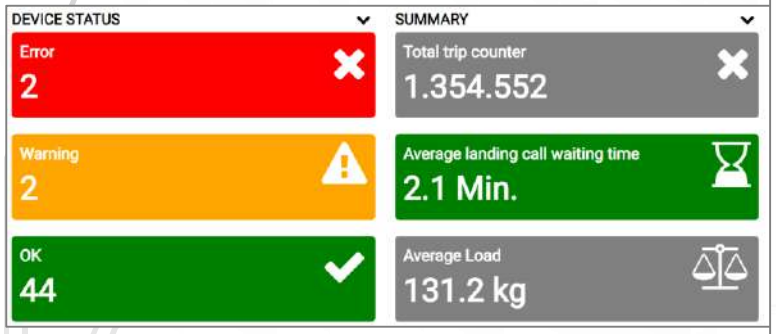
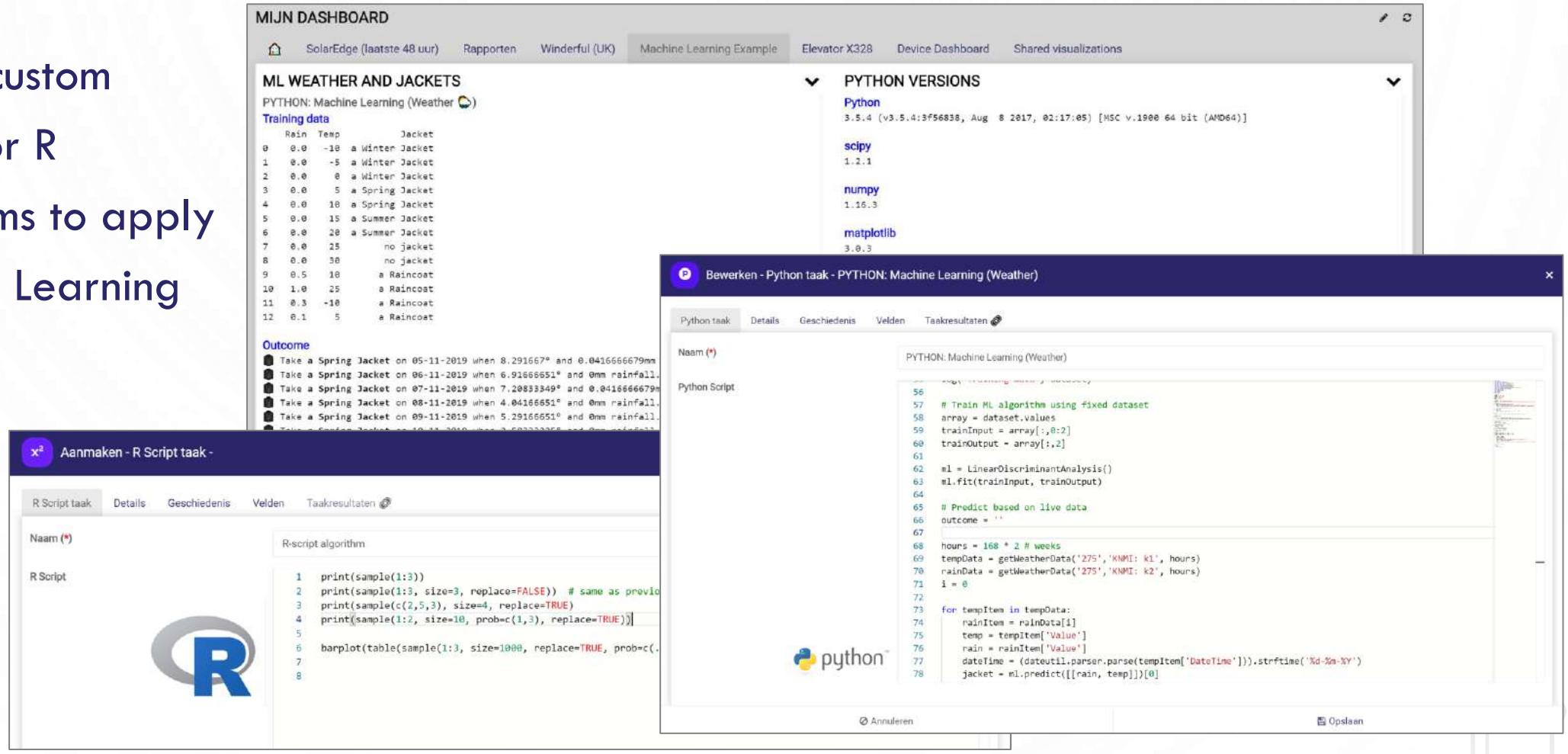
You can create custom charts, KPI's, reports and many other visualizations using the build-in dashboard editor.





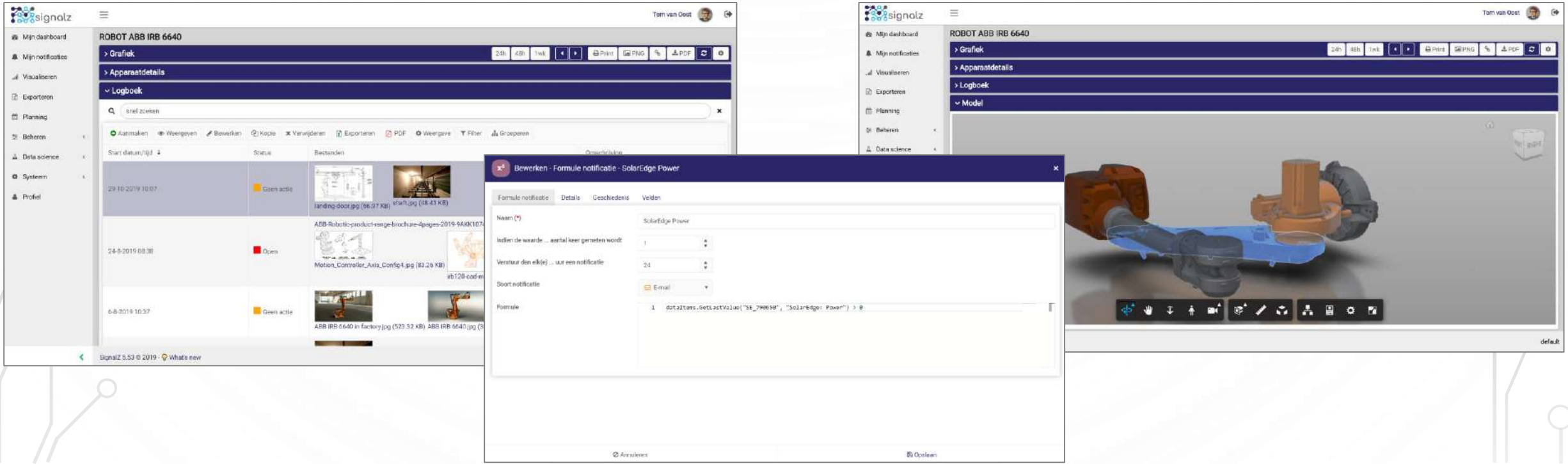
STEP 3: CREATE ALGORITHMS, REPORTS AND DASHBOARDS.

Create custom Python or R algorithms to apply Machine Learning and AI.



STEP 3: CREATE ALGORITHMS, REPORTS AND DASHBOARDS.

For more information watch the SignalZ DATA SCIENCE demo video:



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