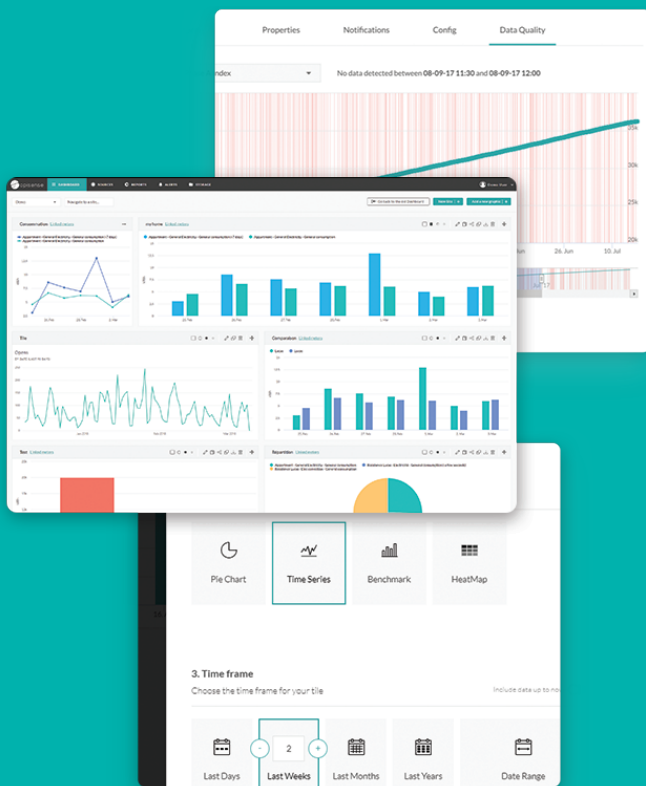# Data Hub

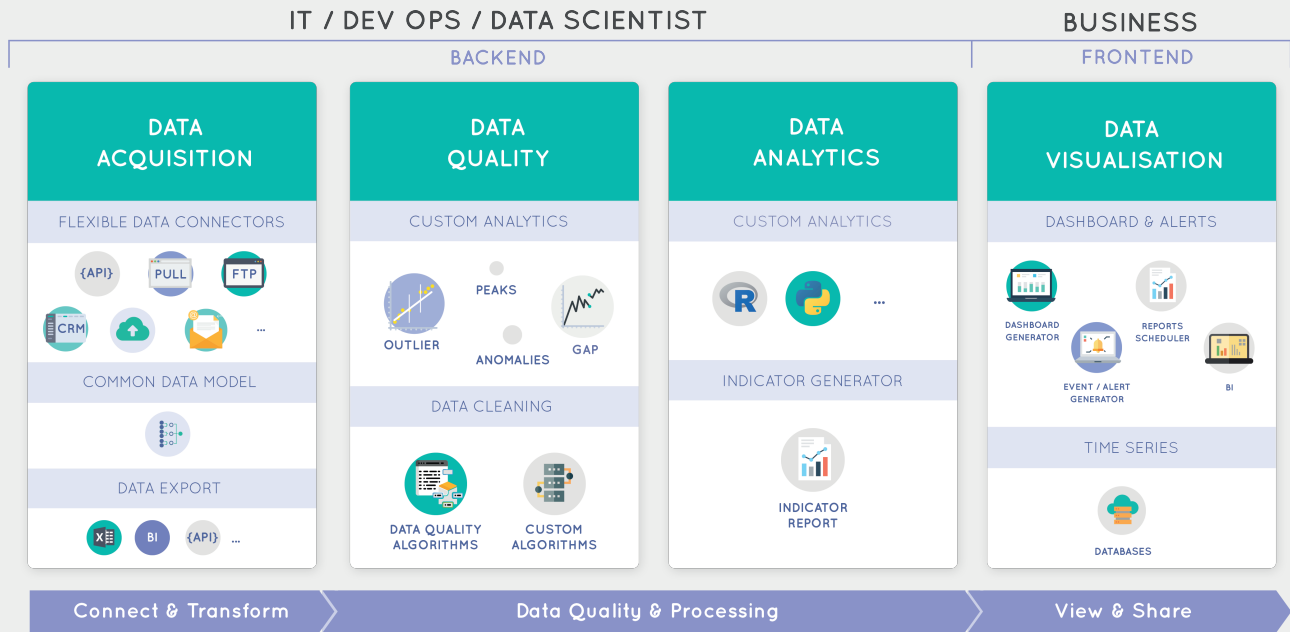# MAKE THE RIGHT CHOICE TO BOOST YOUR DIGITAL TRANSFORMATION

Opinum has developed Data Hub, a technology platform that collects, manages and makes sense of energy and environmental data via an all-time accessible Cloud platform.

Data Hub

Opinum Data Hub is the ultimate IoT & Data Analytics Platform to makes quality data available to all your data driven processes and easily generates various types of reports, dashboards and alerts.
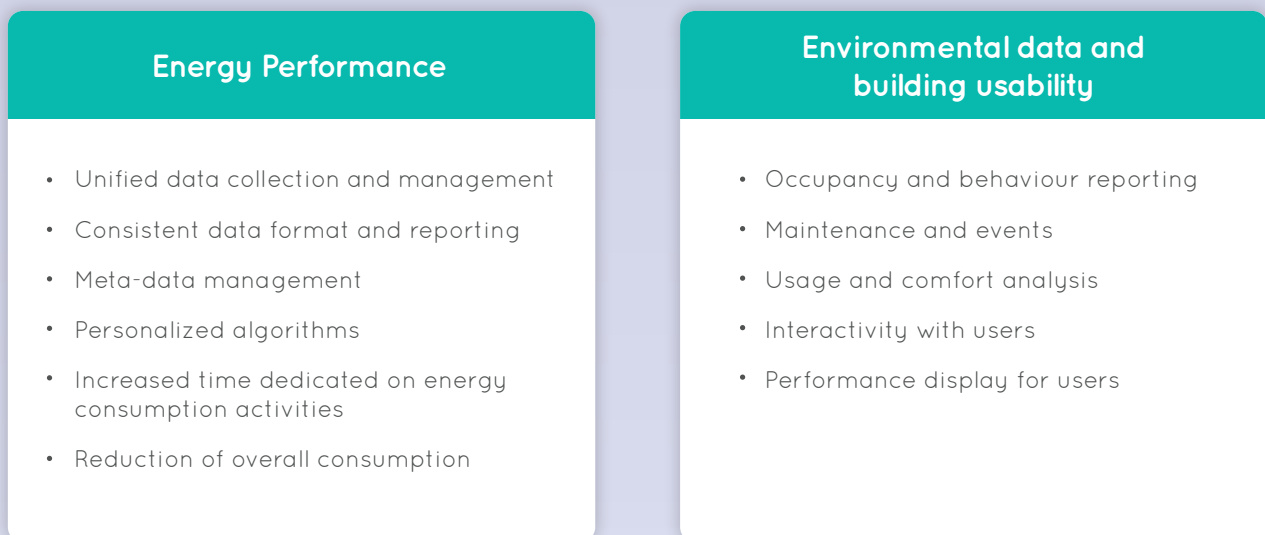
Opinum

DATA MANAGEMENT COMPONENTS

IT / DEV OPS / DATA SCIENTIST			BUSINESS
BACKEND			FRONTEND

DATA ACQUISITION

FLEXIBLE DATA CONNECTORS

{API} PULL FTP CRM ...

COMMON DATA MODEL

DATA EXPORT

XLS BI {API} ...

DATA QUALITY

CUSTOM ANALYTICS

OUTLIER PEAKS ANOMALIES GAP

DATA CLEANING

DATA QUALITY ALGORITHMS CUSTOM ALGORITHMS

DATA ANALYTICS

CUSTOM ANALYTICS

R ...

INDICATOR GENERATOR

INDICATOR REPORT

DATA VISUALISATION

DASHBOARD & ALERTS

DASHBOARD GENERATOR REPORTS SCHEDULER EVENT / ALERT GENERATOR BI

TIME SERIES

DATABASES

Connect & Transform → **Data Quality & Processing** → **View & Share**

USE CASES
BUILDING ENERGY AND ENVIRONMENTAL PERFORMANCE

Energy Performance

- Unified data collection and management
- Consistent data format and reporting
- Meta-data management
- Personalized algorithms
- Increased time dedicated on energy consumption activities
- Reduction of overall consumption

Environmental data and building usability

- Occupancy and behaviour reporting
- Maintenance and events
- Usage and comfort analysis
- Interactivity with users
- Performance display for users

REFERENCES

TOTAL lampiris EOLY COLRUYTGROUP ENERGY eDF

INTEGRATORS

DXC.technology THE NRB GROUP CGI