



anomalysTMe

Anomaly Detection for Actionable Asset Insights

Simple, Scalable, Affordable

The Team



Dr James Rynn
CEO | Co-Founder

A Mathematician and Data Scientist who holds a PhD in Applied Statistics from the University of Manchester, James has experience in developing advanced AI & machine learning solutions in industrial environments across start-up and consultancy roles.



Jim Harris
CRO | Co-Founder

With over 40 years in the Industrial Control and Automation, market, including as Sales Director at Siemens UK, Jim has a unique understanding of how industrial businesses can increase their productivity through the adoption of machine learning-driven technologies.



Matt Kelly
CTO | Co-Founder

Matt is an AWS Certified Solutions Architect with over 20 years of experience designing scalable software systems, data pipelines and cloud-native applications for industrial and commercial settings.



Dr Max Barton
Director of DS | Co-Founder

Max holds a PhD in Data Science from the University of Manchester and has a breadth of experience across AI, including building LLM models and bespoke computer vision solutions.



Arpita Thanki
Marketing Executive

Arpita is a third year Marketing student at the Manchester Metropolitan University. She is currently supporting Anomalyse through an internship within the business. She brings an abundance of energy, creativity and academic knowledge across the marketing mix.

The 'Productivity Challenge'

£200k
per hour

Average cost of halted
production lines across
industrial sectors^[1].



51%

Proportion of energy wasted
during the manufacturing
process^[2].



48%

Average OEE across the
pharmaceutical sector^[3].



The Anomalyse Solution

Anomalyse is a cutting-edge anomaly detection platform designed to help organisations proactively monitor, detect and respond to irregularities in their data and operations.

Whether applied to **maintenance, process or energy** data, Anomalyse delivers meaningful insights with minimal setup or manual intervention, ensuring operational stability and efficiency.



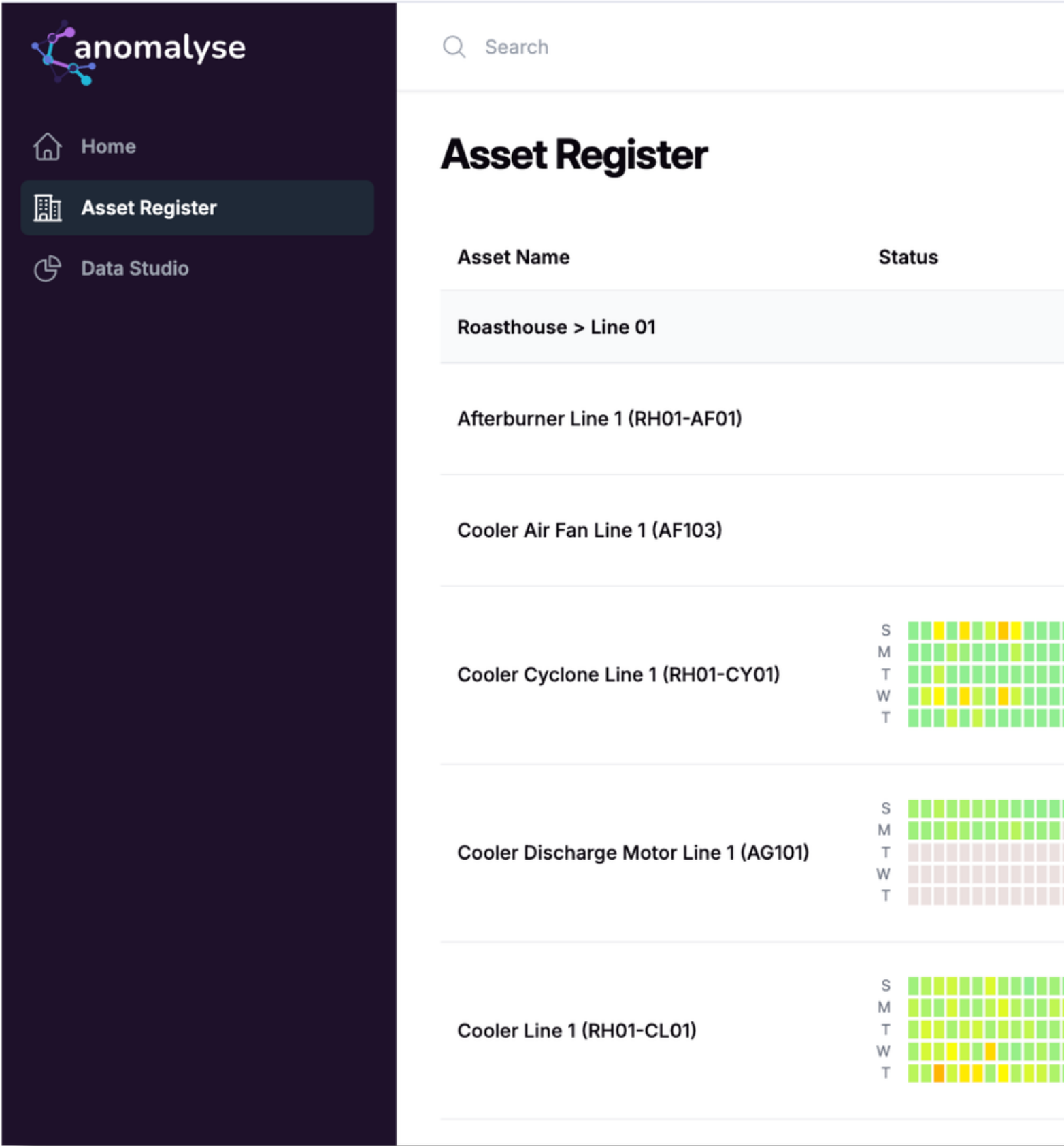
Asset & Data Agnostic



Minimal Setup



Intuitive Results

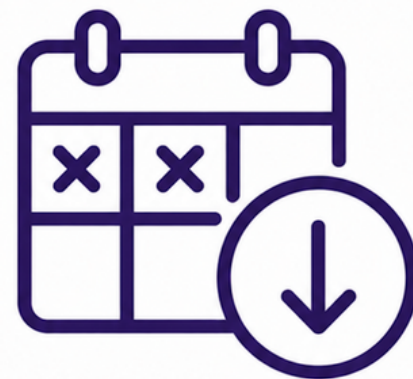


Uses and Value

Anomaly detection allows you to spot issues from early signals in your data, helping to



Avoid unplanned shutdowns and emergency maintenance



Reduce excessive planned preventative maintenance (PPM)



Identify process deviations which risk batch integrity



Derive insights into scrap production



Unique Customer Experience

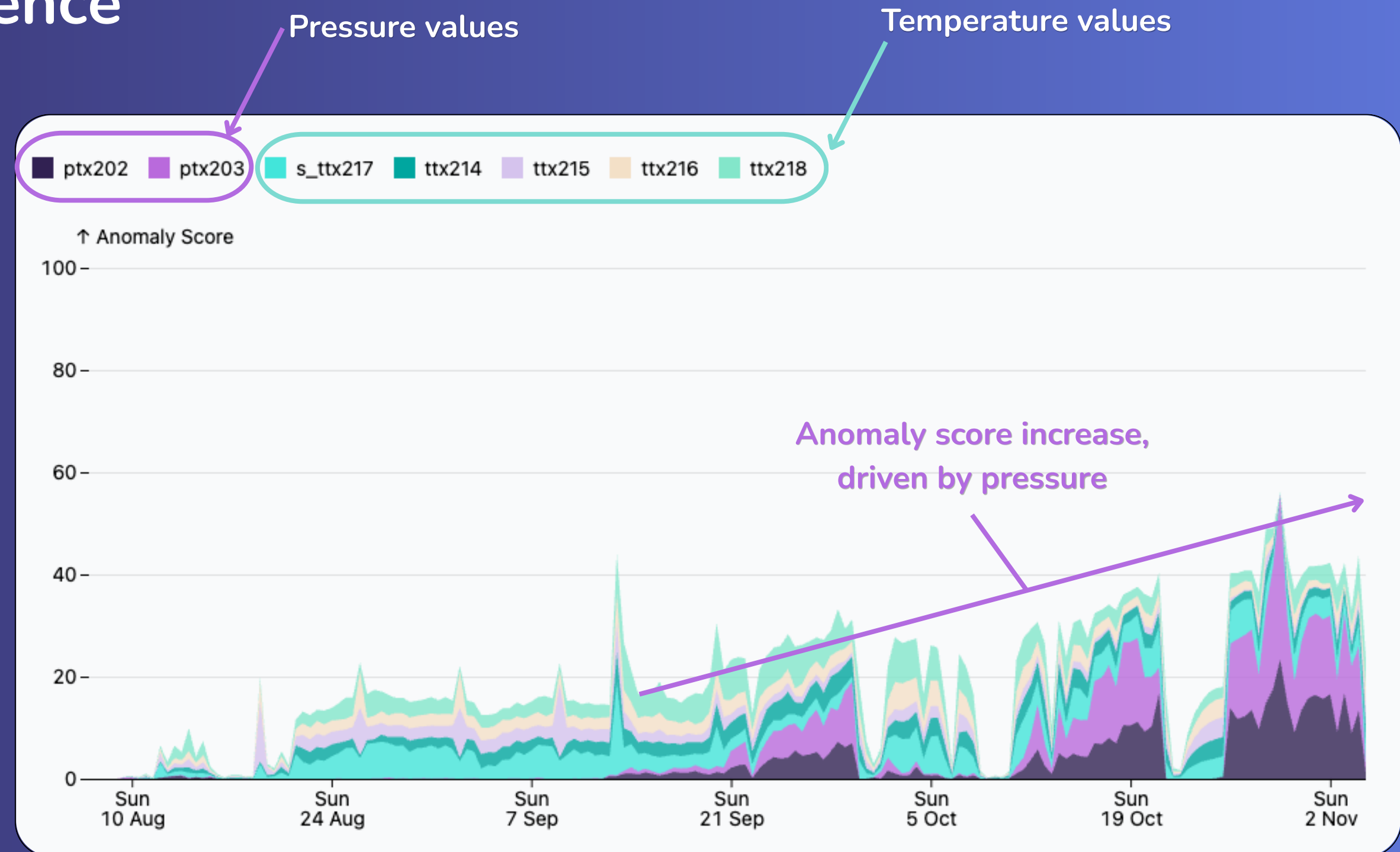
What our customers are saying

“The asset timeline views allow us to explore how the data evolves over time with detailed explanations of each anomaly score.”

- Head of Maintenance Engineering

“This saves time in analysing data trends and understanding process events, helps to identify maintenance issues and gain a deeper understanding of data and assets.”

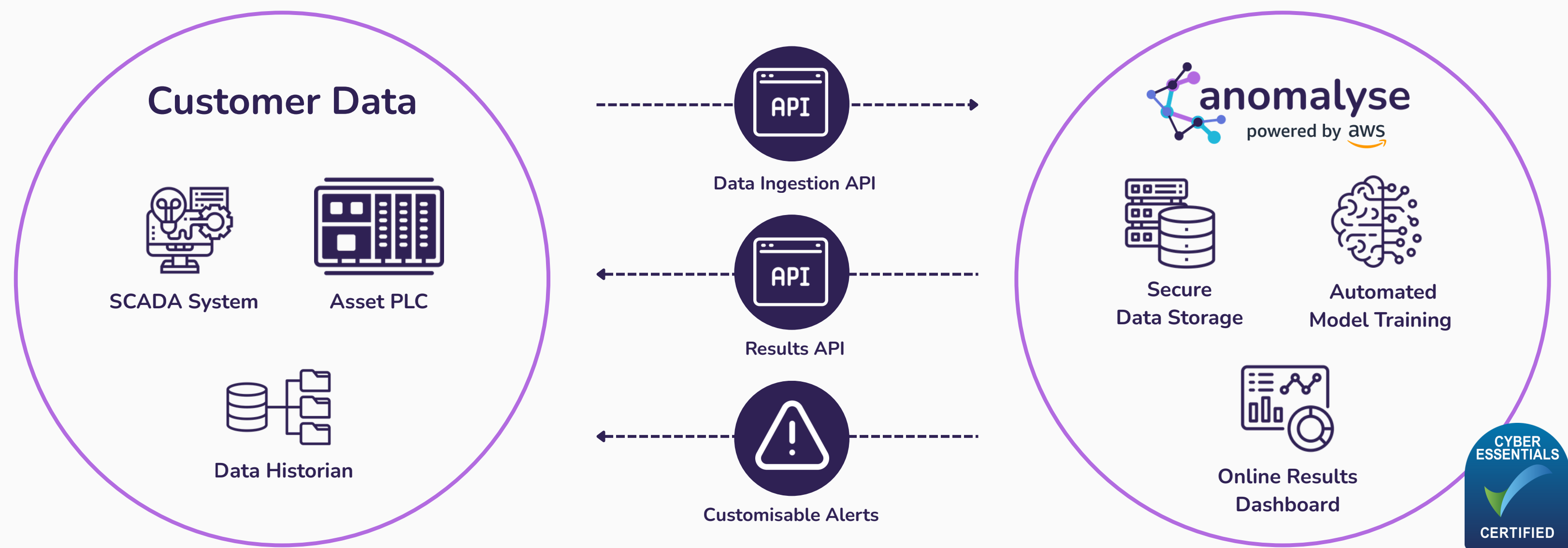
- Process Engineer



Example: Clear rise in anomaly score, driven by pressure values, representing blockage of an extractor fan.

Platform Architecture

Anomalyse receives asset data (e.g. temperature, speed, current) from customers through our secure API (HTTPS + MQTT) where it is stored safely in AWS. Anomaly detection results can then be viewed in the online dashboard or retrieved using the API. Customisable alerts allow users to receive notifications via SMS, email or bespoke integration.



Why Anomaly Detection?

- extract insights from existing data
- move from reactive maintenance to pro-active and preventative regime
- address process issues before they affect production

Why Anomalyse?

- unsupervised, highly-generalised approach
- asset and data agnostic - use data from any provider or equipment type
- highly automated and scalable
- independent academic validation of the solution
- expert team with experience across data science and process automation

