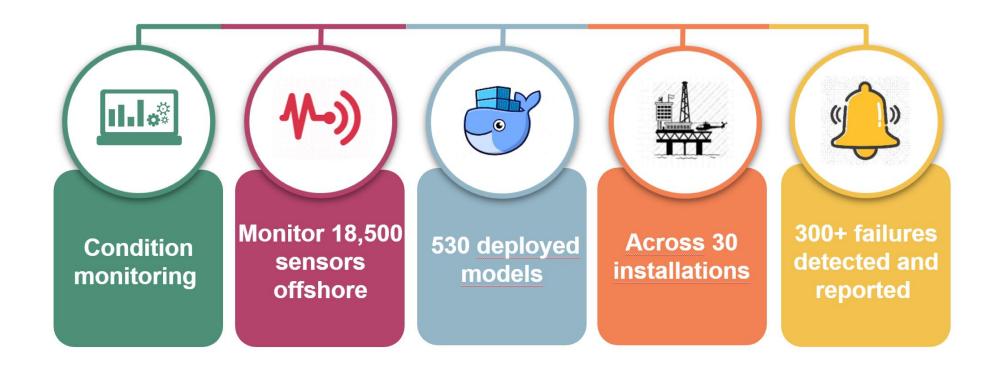


Putting data to work with Al – Condition monitoring

By Olav Landstad



What is OMNIA.prevent?



3 | Predictive Maintenance at Scale Internal 15 September 2022



Why use Machine Learning for condition monitoring?

Today's approach:

- Manual and resource heavy process
- Reactive easy to miss developing failures

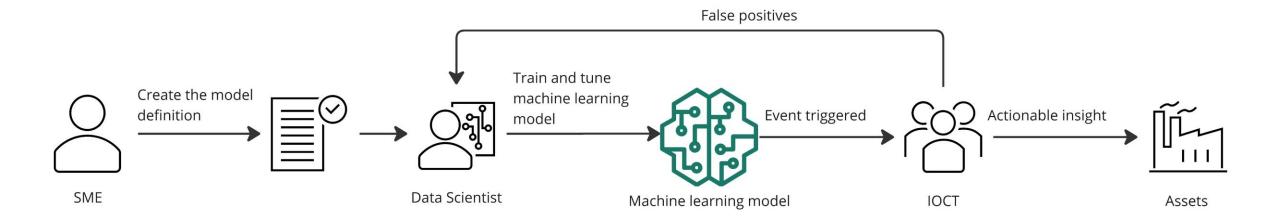
By using ML:

- + Increased coverage
- + Acting on subtle changes in the data
- + Scalable











Step 1 – the sensor list





Step 2 – the training period

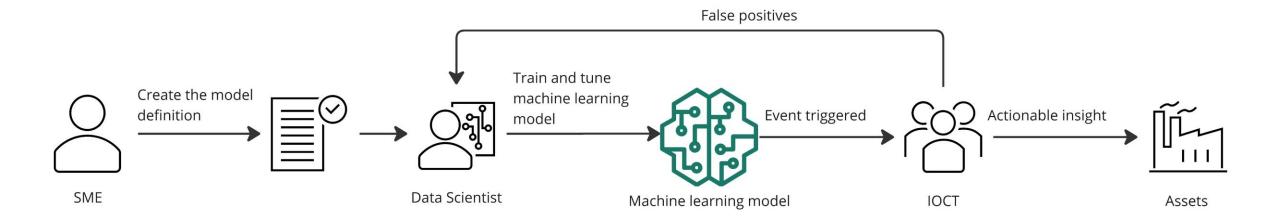




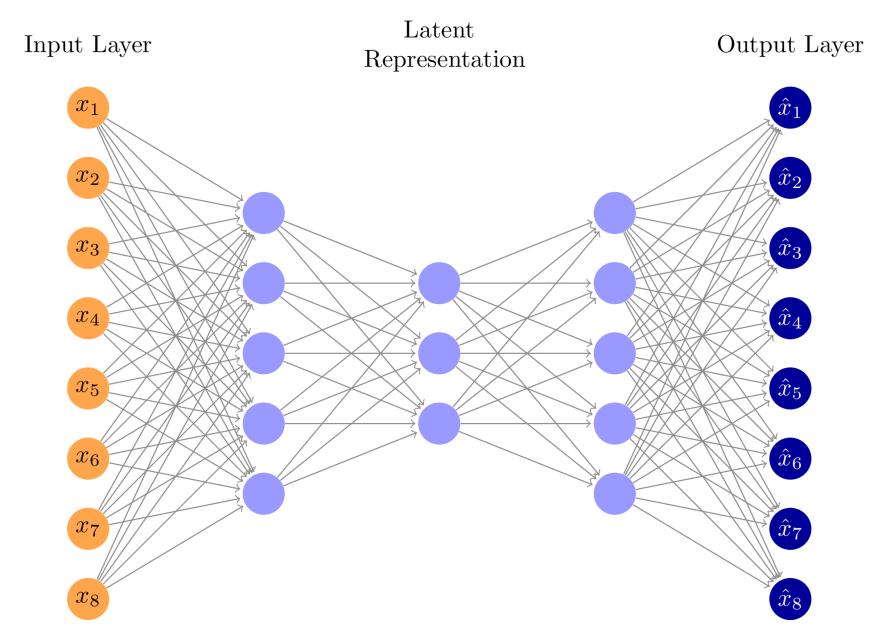
Step 2 – the training period













Step 3 – the result





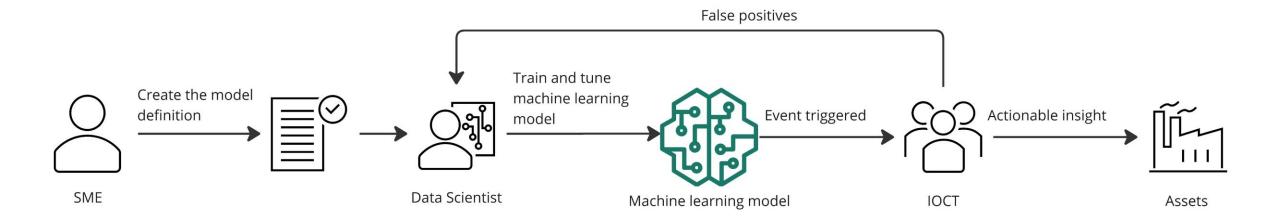
Step 3 – the result



Open

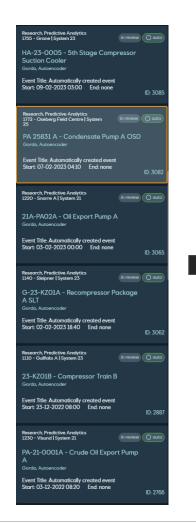








Event handling workflow

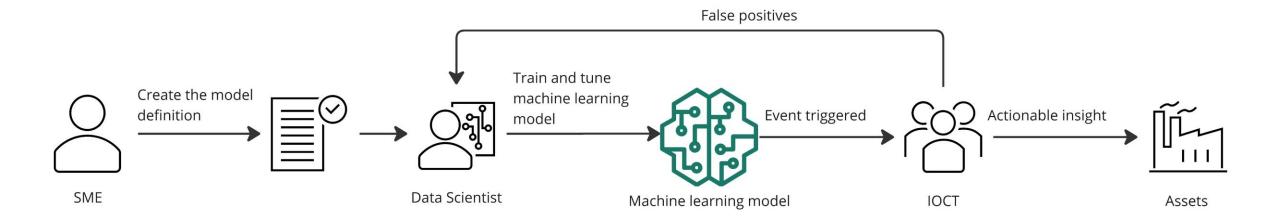












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