



Barry Callebaut Case Study



The Ishango engineers were highly educated in the required subject, and in only a short amount of time, they were able to identify some interesting issues and help improve the data quality of our smart factory initiative. Also, the guidance from the central Ishango team was very well appreciated to make the project a success

Bram Van Genabet

Corporate Digital Innovation
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The Client

Barry Callebaut is the world's leading manufacturer of high-quality chocolate and cocoa products, mastering every step in the value chain from the sourcing of raw materials to the production of the finest chocolates. With more than 175 years of chocolate heritage, the Barry Callebaut Group has an unparalleled blend of expertise in cocoa and chocolate.

Project Brief

The goal of the project was to improve production efficiency at the Barry Callebaut factory by leveraging factory sensor data. The work entailed identifying inefficiencies in production lines and detecting anomalies in press cycles in order to extract actionable insights.

Project Outcome

The key outcome of this project was a machine learning solution developed by the Ishango.ai team using Python on the Data Bricks platform. The solution improved the overall production and reduced costs for Barry Callebaut Group by boosting the efficiency of production lines and detecting anomalies in press cycles. Multiple issues in press cycles were identified and could be timely resolved by operators in the factory.