

# **Applying a Business Intelligence System in a Big Data Context: Production Companies**

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## **Abstract**

Industry 4.0 promotes automation through computer systems of the manufacturing industry and its objective is the Smart Factory. Its development is considered a key factor in the strategic positioning not only of companies, but of regions, countries and continents in the short, medium and long term. Thus, it is no surprise that governments such as the United States and the European Commission are already taking this into consideration in the development of their industrial policies. This article presents a case of the implementation of a BI system in an industrial food environment with Big Data characteristics in which information from various sources is combined to provide information that improves the decision-making of the controls.

## **Keywords**

Industry 4.0, Big Data, Business Intelligence (BI), Food industry, ERP systems