



Process Optimization in Industry

CONSULTING FOR PRODUCTIVE EFFICIENCY IN THE
PLASTICS SECTOR

KEY WORDS

DATA,
PRODUCTION,
OPTIMIZATION

DESCRIPTION

Universidad Central (UC) offers production efficiency consulting for companies in the plastics sector through data analytics and predictive modeling. Using tools such as Power BI and Python, key variables of production capacity are evaluated, optimizing decision-making and administrative management. The approach integrates Extract, Transform, Load (ETL) processes, exploratory analysis, statistical modeling, and machine learning (ML), applying the Cross-Industry Standard Process for Data Mining (CRISP-DM) methodology to improve operational performance and business competitiveness.

APPLICATIONS

- Companies that produce plastic items
- Waste managers

CONTACT US

direccioninvestigacionytc@ucentral.edu.co

Universidad Central