

Case for a **Group of Steel and Mining Companies**

Predictive Quality Models and Advanced Analytics Reduce Production Defects and Expenses_

Industry: Manufacturing

Location: Ukraine

Employees: 90 000+



Client Background

An international group of steel and mining companies with UDS 9 billion revenues.

Business Challenge

- Working on development of predictive quality models, our data scientists faced the problem of poor quality of exported data (incomplete, insufficient, etc.) needed for training a model.
- Additional time and efforts were spent for cleansing and preparing data for predictive modelling.

Solution

- Established advanced analytics infrastructure and customised models for the quality prediction in casting stainless steel slabs.
- Built visually rich reports on the probability of slab defects based on the product parameters (steel grade and gauge of sheets).

Business Value

- Reduced a number of defects, which potentially result in additional 250-300 of steel sheets per month for separate kind of steel grade
- Decreased costs for defects detection
- Improved decision-making and the manufacturing efficiency

Technologies



SAP Predictive Analytics



SAP HANA



SAP Data Services



SAP BI



SAP ERP



About Infopulse

Infopulse, part of the leading Nordic digital services company Tietoevry, is an international vendor of services in the areas of Software R&D, Application Management, Cloud & IT Operations, and Cybersecurity to SMEs and Fortune 100 companies across the globe. Founded in 1991, the company has a team of over 2,300 professionals and is represented in 7 countries across Europe and the Americas.

Infopulse is trusted by many established brands, such as BICS, Bosch, British American Tobacco, Credit Agricole, Delta Wilmar, ING Bank, Microsoft, Offshore Norge, OLX Group, OTP Bank, SAP, UkrSibbank BNP Paribas Group, Vodafone, Zeppelin Group, and others.

For more information, please visit www.infopulse.com

Contact us

PL +48 (606) 291-154

DE +49 (69) 505-060-4719

US +1 (888) 339-75-56

UK +44 (8455) 280-080

UA +38 (044) 585-25-00

BG +359 (876) 92-30-90

BR +55 (21) 99298-3389

 info@infopulse.com

