



PILAR CANALS

Data Analyst



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EDUCATION

Postgraduate in Computer-Assisted Engineering

(FEA, Finite Elements Analysis), CIM-UPC Foundation, Barcelona (2009-10).

Technical Engineering in Industrial Design

Elisava (School of Design attached to Pompeu Fabra University), Barcelona (2003-07)

DATA SKILLS

- R / RStudio
- Machine learning
- Git
- Data analysis
- SQL
- Business analysis
- Power BI
- Data Visualisation
- AWS

TECH SKILLS

PDM / PLM material management programs:

- SAP / R3 modules PP, MM and SD, MDM and BI.
- Teamcenter Engineering (Siemens).

2D and 3D CAD programs: AUTOCAD, ProEngineer, Catia V5, Solidworks, 3D Studio, 3DVia.

Editing and layout programs: InDesign, Illustrator, Photoshop.

Microsoft Office Excel Advanced.

LANGUAGES

- Spanish - Native
- English - Professional Proficiency
- Catalan - Native
- Russian - Basic

OTHER STUDIES

Leadership (2017).

Negotiation (2016).

Mindfulness (2015).

Study of the viability of the **Prototype**, Specialization Course of 250h (2009).

Music Studies (1990-99).

Driving licence type B, since November 2002.

PROFILE

Data Analyst looking for new challenges, with strong background and experience in the industrial sector. Passionate about lead teams and making companies succeed, focused on business strategy and decision making. Eager to learn and improve work methodologies.

EXPERIENCE

Ubiquim Code Academy

September 2018 – February 2019, Barcelona.

Data Analyst

Intensive course following the methodology “Learn by doing”. Working on different projects with real data and business projects with RStudio. Covering all aspects of a data analysis project: data mining, web scrapping, data pre-processing, modelling using different algorithms (kNN, Random Forest, SVM...) and several data visualization techniques.

- Customer segmentation.
- Sales forecasting.
- Recommender systems (market basket analysis).
- Household electricity demand forecasting (Time Series).
- Wi-Fi fingerprint-based indoor positioning.
- Web scraping for sentiment analysis with AWS.
- Final Project collaborating with the company Esbelt, S.A. Optimizing the cut in production of industrial belts in order to reduce product waste.

Roca Sanitario, S.A at Technical Service Department

March 2010 - September 2018, Gavà

Planning Manager

(2015 -2018)

Analysis for new work processes to implement new systems for the improvement of planning, and purchase of spare parts.

Analysis of stock movements, consumption, tracking of delivery dates of suppliers, minimum orders for optimization in the purchase, availability for the customer and warehouse space.

Inventory management, both in warehouse and subcontractors.

Spare part Master Data

(2014 -2018)

Identification of workflows in new product additions according to origin and different routes of supply/manufacturing.

Analysis and improvement of the processes to reduce the time in creation of master data.

Creation and maintenance of spare parts master data.

Management and maintenance of more than 16,000 saleable references.

Spare Parts Design Manager

(2010 - 2018)

Responsible of Spare Part Projects of Sanitary products at the Roca Group (whirlpool bathtubs, spas, smart toilets, faucets).

Criteria definition of spare part kits.

Relationship with suppliers and other factories of the group for the supply agreement of spare parts and components, documentation, prices, moq.

Training of the subsidiaries of group in Spare Parts and Purchasing.

Creation of technical documentation: Spare and repair manuals.

Purchasing Manager of Spare Parts.

(2015 - 2017)

Purchase order fulfilment, creation of manufacturing orders in own factory as its planning and assemblies in external suppliers.

Track orders, delivery dates and transportation for the availability required by planning.

Portfolio management of customer orders, and supplier invoices.

Henkel Ibérica, S.A. In the Packaging Engineering department in the Technological Adhesives division.

December 2007 -December 2008, Abrera.

Technical Assistant Packaging Engineering