David Branes

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Im Dreispitz 4
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WORK EXPERIENCE

Accenture (December 2022 - January 2024) Consultancy

Data Analyst - Planning and Supply chain

Projects:

Planification of Minimum Stock in Warehouses:

Using a Python implementation that process fix stock online requests from Warehouses' POC I achieved a optimisation in the fulfilment process that reduced incidents of no availability of spare parts by EUR 2M.

KPI creation for Supplier Service Level:

I used SQL and DAX implementation in PowerBi for a creation of a Dataframe-visualisation. This allowed us to preview whether some suppliers were likely to not ensure a needed level of service level. This led to a reduction of claims by 60%.

Panel of double checking of the MRP:

I used a Python dataframe implementation, connected to the Client's Microsoft server to achieve a data ETL. This is used as a second check for purchases that exceed the EUR 50K. After the deployment, the error cases were reduced to zero.

Amazon EU (October 2022 - December 2022) Tech sector

Data Analyst - Transportation Performance

Projects:

Business Case Plan:

I used Amazon Redshift (SQL) and QuickSight visualisation for a Business Case Plan in order to check the profitability of the on boarding of new nodes and new vendors for Amazon XL Europe.

Neuroelectrics (April 2022 - September 2022) PharmaTech

Business Intelligence Intern

Projects:

Dashboard for Resource Allocation Plan:

I used SQL and a Python back-end for a data ETL, and Power BI for data visualisation in order to create a Planning Dashboard. This led the Porduction Director to a efficient task-based assignation in production.

Quality and Regulatory Manufacturing:

Using SQL, Excel VBA and macros for data ETL, I developed a batch release report to standarise legal information of Manufacturings. Achieving a reduction of 25 min per Manufacturing.

EDUCATION

Universität Zürich (2023 - current)
Msc. in Data Science
Key subjects: AI, Machine Learning, LLM, NLP, Blockchain technologies
development, Deep Learning, Active Learning.

Pompeu Fabra University (2018 - 2022)
Major Bachelor Degree in **Economics**
Academic transcript: 7/10
Key subjects: Forecasting Techniques, Real Analysis, Operation Research, Financial
Risk Management

Pompeu Fabra University (2021 - 2022)
Advanced **Quantitative Methods** certificate
Academic transcript: 7/10
Key subjects: Machine Learning and Optimisation, Modern Computering with R;
Network, Crowds and Markets

Pompeu Fabra University (2019 - 2021)
Minor Bachelor Degree in **Programming**
Academic transcript: 7.5/10
Key subjects: Funcional Programming, Object Oriented Programming, Software
Engineering, Operating Systems.

University of Barcelona (2016 - 2018)
Bachelor Degree in **Fine Arts**
Key subjects: Graphic design, UX, Digital graphics, Post-prod editing.

SKILLS

- Rstudio, Java, Excel VBA
- Power BI, Tableau, SQL
- Javascript, Vue.js, Pyhton

- Amazon QuickSight & Redshift
- Photoshop, InDesign, Illustrator
- Teamwork, Cooperation.

LANGUAGES

- Spanish native speaker
- English C1 Level
- German B2 Level

- French B1 Level
- Italian B1 Level
- Catalan native speaker