Rafael Ferreira

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SUMMARY

Master in Production Engineering from São Carlos School of Engineering - USP, passionate about developing data driven problem-solving. With eight years of experience in supply chain management, I worked in international logistics, indicator management, queries, and data visualization. I have experience in team leadership and improvement project management. Interested in innovation and technology, such as exploratory data analysis and machine learning. Strong negotiation and communication skills, with a strong desire to maintain continuous learning. Versatile, results-oriented profile that addresses challenges focused on problem-solving.

SKILLS

Programming: Python; R; SQL; VBA;

Other Skills: Machine Learning; EDA; Data Visualization; Git; Pandas; Scikit-learn; Numpy; Matplotlib; Spark Jupyter Lab; Dask; Luigi, Docker

Methodologies: Lean Enterprise; Agile Project Management; DMAIC; VSM;

Software: ERP SAP; ERP Oracle JD Edwards; Microsoft Office; Microsoft SharePoint; Microsoft SQL Server Management Studio; Visual Studio Code

Languages: English (fluent); Portuguese (native);

PROJECTS

Invoice issuance ERP software for imported items
- Reduce by 85% of the time of invoice receipt and accounting through the development of a program in the JD Edwards system, improving the productivity of the logistics process.

Automated indicator system and supply area dashboard
- Reduce reporting time by 60%;
- Increase data reliability by using SQL query and Excel VBA macros to handle data;
- Create visualization to collaborate in team decision making.

Development of an electronic order management system
- Automate the generation of open order reports using SQL query and VBA macros in Excel to facilitate decision making, improving customer service;
- Discover cost reduction opportunities.

Reporting tool for governmental agencies and corporation.
- Reduce by 50% the generation time of official reports combined with increased data reliability using SQL query.

EDUCATION

Udacity - 2019
Nanodegree Data Scientist

Codecademy - 2018
Introduction to Data Analysis

São Paulo University (USP) - Brazil - 2017
Master in Production Engineering
Dissertation: Proposal of a quantitative model based on fuzzy logic for the assessment of supply chains in companies.

SETEC - Brazil- 2011
Lean Six Sigma Green Belt

São Paulo University (USP) - Brazil - 2010
Mechanical Production Engineering

WORK EXPERIENCE

John Bean Technologies, Supply Engineer – Araraquara, Brazil - Jan 2012 a Jun 2019
- Managed a purchasing portfolio of USD 5 MM yearly.
- Performed data analysis, data visualization and indicator management.
- Created and maintained data repository, with version control in Microsoft SharePoint.

Cia de Bebidas Ipiranga – Coca-Cola, Processes Engineer – Ribeirão Preto, Brazil - Jan 2011 a Jan 2012
- Led a Lean-Six Sigma project to improve raw material utilization with a final saving of BRL 600 k annually.
- Operational Excellence Associate.