

# Vitor Beltrão

## Mid-level Data Scientist

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[LinkedIn](#) | [Portfolio](#)

### SUMMARY

Data Scientist with over 7 years of professional experience, focusing the last 4 years in machine learning, predictive modeling, and data analytics. Proven ability to develop and implement advanced analytical solutions that drive decision-making and strategic business growth. Expertise in Python, Pyspark, SQL, along with cloud computing platforms like Azure and AWS, equips me to tackle complex data challenges. My strengths lie in transforming data into actionable insights, enhancing operational efficiencies, and optimizing processes across various industries.

### SKILLS

**Proficient:** Python, Pyspark, SQL, MS Azure, AWS, CI/CD, DataViz, Machine learning, Deep learning, NLP, Statistics, Math, CRISP-DM, MLOps, ETL, A/B testing, Model Interpretability, Docker, Git.

**Intermediate:** PowerBI, Data Engineering, Excel, Computer Vision, Web Scrapping.

**Begginer:** Google Cloud.

### WORK BACKGROUND

#### Data Scientist | 1 year 7 months

4yousee, Belo Horizonte, Brazil – Remote

01/2023 to Present

#### Core Responsibilities:

- Analytics platform development for clients, enabling them to query data generated by their digital screens. Employing Python, data engineering, MS azure. We increased the revenue, approximately €200.000 annually.
- Anomaly detection system. I guided this project system to identify irregularities in people's count data. Employing relational databases, data transformations, statistics, and Python. This project reduced device maintenance time, estimated to retain at least 10% of existing customers.
- Data imputation system. I led the creation of a data imputation system to address failures or anomalies in data collected. Using relational databases, data transformations, statistics, and Python. Client satisfaction with this project is notably high, as it provides reliable data despite potential failures.
- Recommendation system. I guided the development of a recommendation system based on sociodemographic data to help clients select optimal locations. Utilizing statistical sources, Python. This project enhances clients decision-making processes, ensuring effective media dissemination.

**Key Technologies and Tools:** MS Azure, AWS, Python, statistics, math, PowerBI, Git, leadership, communication, teamwork, agile, decision making, machine learning, deep learning, DataViz and MLOps.

#### Data Scientist | 1 year 6 months

QDOIS Data Intelligence, Belo Horizonte, Brazil – Remote

08/2021 to 01/2023

#### Core Responsibilities:

- Correlation algorithm for InBev. I helped a project aimed to understand correlations between some products features. Utilizing Azure, Databricks, statistics, Pyspark and PowerBI. This analysis facilitated data-driven decision making for analysts directly impacting the decision-making process.
- Forecast for industrial worker accident prevention. Collaborating with a Brazilian government client, I led the development of a predictive model. Employing Azure, Pyspark, Statistics and Machine learning. This initiative helped the creation of accident reduction and aided in budget control.
- NLP project. Addressing AB InBev's need to understand employee sentiment from satisfaction surveys. This project comprised two key objectives: translating text to English and perform descriptive analysis. Employing MS Azure, Python, Google API, machine learning, data viz and PowerBI. Our analysis empowered AB InBev to address critical issues highlighted by employees, guiding improvements.

**Key Technologies and Tools:** MS Azure, Python, Pyspark, databricks, statistics, math, PowerBI, Git, leadership, communication, teamwork, agile methods, machine learning, deep learning, DataViz and MLOps.

### **Production Civil Engineer | 5 years 4 months**

RPRO Consulting and projects, Belo Horizonte, Brazil – In person

05/2016 to 08/2021

#### **Core Responsibilities:**

- I collaborate on many projects alongside multidisciplinary teams like constructors, architects, and engineers. This experience not only honed my technical engineering skills but also strengthened my ability to work effectively within diverse teams and manage complex projects.

**Key Technologies and Tools:** Statistics, Math, Logical thinking, communication, teamwork, decision making.

## **EDUCATION**

### **Bachelor's degree in civil/production Engineer**

FUMEC University, Belo Horizonte, Minas Gerais, Brazil

08/2012 to 08/2017

- **Relevant coursework:** programming languages, statistics, math, logical thinking.

## **CERTIFICATES/COURSES**

### **Machine learning DevOps Engineer, Nanodegree**

Udacity, US

04/2023

### **Data Scientist, Nanodegree**

Udacity, US

08/2022

### **Databricks Lakehouse**

Databricks, US

07/2022

## **LANGUAGES**

**Portuguese:** Native; **English:** Fluent