



Ivan Oliveira

Business Intelligence & Big Data Engineer

CAREER OBJECTIVE

BI and Big Data Engineer seeking to leverage 3+ years of experience on gathering, analyzing and building data pipelines and dashboards.

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SKILLS

Native	9 / 10	9 / 10
Portuguese	Python	SQL / NoSQL
Fluent	8 / 10	9 / 10
English	Java	Data Science / BI
Intermediate	8 / 10	9 / 10
Spanish	C / C++	Hadoop Ecosystem
Beginner	9 / 10	9 / 10
Italian	Bash	AWS Ecosystem
Beginner	9 / 10	9 / 10
French	Spark	AZURE Ecosystem

EDUCATION

Bachelor's degree on Production Engineer

Pontifical Catholic University of Rio de Janeiro - PUCRJ

[Emphasis on Corporate Finance and Investment Valuation]

2008-2018

Master's degree on Business Intelligence

Pontifical Catholic University of Rio de Janeiro - PUCRJ

[Data Mining, Machine Learning, Deep Learning, BI, Database Management]

2019-2021

Master's degree on Data Engineering

Instituto de Gestão e Tecnologia da Informação

[Hadoop Ecosystem, Linux, PostgreSQL, MySQL, SQL Server]

2020-2021

Master's degree on Data Engineering for Big Data

Purdue University & IBM

[AWS, AZURE, Java, Scala, C/C++, MongoDB, SPARK]

2021-2022

EXPERIENCE

Business Intelligence Engineer

PUC-RJ

2019-2021

- developed classification Machine Learning models with algorithms as Decision Tree, KNN, Naive Bayes, SVM and Random Forest using Data Miner API.
- location and use of information for web scraping using Python.
- statistical models for decision support using Python dataframes as Pandas, Numpy, Matplotlib.pyplot, Sklearn, Scipy, Statsmodels.
- developed Recurrent Neural Networks [LSTM] to predict results using Tensorflow, Keras, Pandas, Numpy on Python environment.
- database management using PostgreSQL with pipeline to PowerBI dashboards.
- developed a Quantitative Model for Crypto Assets Valuation focusing on the Cardano Project using Python dataframes.

Big Data Engineer

ICTI - Purdue University – IBM

2019-2022

- configured and built a Data Lake using Hadoop Ecosystem API as Apache Yarn, Hive, Hbase, Spark, Pig, Oozie, Flume, Kafka, Zookeeper, Ambari, Maven, Mahout on Linux OS (Ubuntu as a Virtual Machine).
- MongoDB (NoSQL) management of non-structure or semi-structured data.
- database management with PostgreSQL, MySQL, SQL Server.
- RDD's with PySpark.
- Core Python, Java, C, C++, Scala for Object Oriented Programming.
- Big Data on AWS and AZURE ecosystems.