

Antônio Ferreira

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Data Engineer

Information Technology Manager, certified in Scrum (SFPC) and Kanban (KEPC), dedicated to developing and learning about solutions for collecting, analyzing large data sets, creating and maintaining data pipelines and data structures. Seeking to specialize in Data Engineering, and learning more about Data Governance and Data Quality to measure, analyze and optimize the performance of the data processing pipelines to be used with high performance in Business Intelligence and Data Science projects.

Main Skills

- Data Engineering
- Scrum/Kanban
- Data Governance
- Innovation
- Data Quality Analytics
- Big Data

Work experience

- **CRD Data Data Engineer** 09/2022-Present
Job Description:
- Build robust and scalable data integration (ETL) pipelines using SQL, Python and Spark and data warehouse, to support reporting for machine learning and Business Intelligence projects;
- Design, build, test and deliver quality code in line with guidance and best practices of the department, following standard testing techniques and methods that adhere to the test strategy;
- Optimization of data storage solution;
- **MV Sistemas Data Engineer | Business Intelligence Analyst Junior** 09/2021-09/2022
Job Description:
- Build, update and maintenance for ETL solutions on-premise using Pentaho, SQL, Python.
- Answering calls from customers for corrections of BI applications;
- Implementation of Business Intelligence architecture for new costumers;
- Development and maintenance of dashboards in: QlikSense and Tableau.
- Responsible for the definition, development and maintenance of the Data Quality Management methodology, principles and processes, as well as their documentation in terms of policies;

Key Projects / Tasks
- Creation of a new data product on-primse using Apache Airflow for the pipeline, pandas for data transformation at the finish of the processes, the data is post by an API.
- Active participation in meetings and discussions to promote a new architecture ETL for new customers;
- Planning the new ETL architecture on cloud using: Aiflow, Spark, Docker, Python, Postgres and Oracle.
- Update of an old project using: Pentaho, SQL and Postgres.
- Active in lectures to promote data quality and data governance all over the company.
- **Buzzmonitor Business Intelligence Analyst (Intern)** 03/2021-09/2021
Job Description:
- Responsible for the process of collecting, analyzing, sharing studies, mapping trends, insights and inputs in different segments;
- Transformation of information into intelligence for the pre-sales team to start opening up new opportunities.

Key projects / Tasks:
- Creation of a national and international news monitoring network;
- Construction, structuring and maintenance of spreadsheets to store the data obtained;
- Creation of data segmentation improving the prospecting activities of the pre-sales team.
- **Cidadão Fiscal Data Analyst (Intern)** 05/2020 - 09/2020
Job Description:
- Use of data analysis and artificial intelligence to monitor the spending of Pernambuco politicians;

- Improved format for displaying deputies' expenses for the population;
- Data extraction in the Transparency Portal and in the ALEPE portal, modeling, cleaning and transformation to assemble the Dashboards. (PowerBI, Excel, Python).

Key projects / Tasks:

- Implementation and redesign of new website;
- Creation of a new data visualization template (PowerBI) based on the new look of the ONG.

Education

- University of Chicago - Professional Education, Artificial Intelligence and Data Science for Leaders
- UNIFG – Associates Degree – Information Technology Management – 2019-2021

Further Education & Certificates

- Data Pipelines com Azure – Stack Technology, 2022
- Certification - Scrum Foundation Professional Certificate (SFPC)
- Certification - Kanban Essentials Professional Certificate - (KEPC)
- Data Mining – EAD Laureate, 2020
- Nano Course Business Intelligence (BI) - FIAP, 2021
- Treinamento de Analista de Dados Iniciante - UNIFG, 2020
- Introduction to Big Data, FIA Business School, 2019

General Skills

Language Skills: Portuguese – Native | English – (B2).

Other skills: Apache Airflow, Business Intelligence, Big data, Agile, BPMN, ITIL, Cobit, Scrum, Kanban Data Analytics, Microsoft PowerBI, Data engineer, Docker, Apache Airflow, Oracle DB, PostgreSQL, SQL, Big Data, Data Management, Data Pipelines, Apache Spark, PySpark, Azure Data Factory, Azure Data Lake, Amazon EMR, Amazon S3.