

Domingas Mendes Duarte | Data Analyst | Data Science | Actuarial Analyst

- 5-7 years IT experience as a data analyst and actuarial analyst
- Skilled Data Analyst Proficient in Python, SQL, and Data Visualization
- Skilled in Actuarial Calculations using Python, SAS, SQL, Alteryx, Power BI and Excel-VBA

Technical Skills

Languages : Python, R-Studio, SQL, VBA, SAS, Alteryx, LaTeX, Machine learning algorithms
Methodologies : Design Thinking, Time Series Analysis
Operating Systems: Windows, Linux
Database : MySQL, Microsoft SQL server, Microsoft Access, SQLite
Tools/Software : Git, Power BI, Visual studio, Advanced Excel-VBA, Google Analytics, QlikView, Jupyter Notebook, TensorFlow, Keras, PySpark, Scikit-Learn, Pandas, NumPy, Tidy verse.

Functional Skills

- Interpersonal communication skills
- Data Cleaning and Preprocessing, Data visualization, Data analytics, Statistical Analysis, Predictive Analytics
- SQL and Database Management, Reporting and Communication, Problem Solving, Coding and Scripting.

Other Skills

Languages : Creole Cape Verdean - Native, Portuguese – Native, English-C1, French-B1
International Experience : Brazil, Cap Verd
Portfolio Link : [domingasdb \(Domingas\) \(github.com\)](#)
LinkedIn Profile Link : [Domingas Duarte | LinkedIn](#)

Education/Training

- Federal University of Rio de Janeiro - UFRJ (BAC +4 in Statistics) Brazil 2014 - 2021
- Federal University of Rio de Janeiro - UFRJ (BAC +4 in Actuarial Sciences) Brazil 2014 - 2021

Certifications

- Alura - Git and GitHub
- Alura - Python for Data Science Advanced
- Udemy - Power BI, Excel VBA
- EY Ernst Young Badge - Analytics Data integration

Extracurricular activities

- School of Data Science and Workshop – UFRJ 2017
Skills: Machine Learning, Shiny, Markdown, and Introduction to the Python Language

Professional Experience

Aegon Group MAG Assurances – Brazil 2022 - present
Actuarial and Data Analyst

- Analysis and manipulation of actuarial data, sensitivity analyses and financial projections, results presentation, and recommendations.
- Risk analysis and assessment of insurance, actuarial results interpretation, and formulation of recommendations - collaboration with actuarial teams, underwriters, and pricing managers - evaluation of technical provisions and reserves, profitability studies.
- Building predictive models for forecasting and churn/persistence analysis.

Technical Skills: SQL, Python, R, SAS, Power BI, Excel-VBA, Microsoft Office.

Functional Skills: Data Cleaning and Preprocessing, Data visualization, Statistical Analysis, Predictive Analytics, SQL and Database Management, Reporting and Communication, Coding and Scripting.

EY – Ernst & Young – Brazil

2020 - 2022

Actuarial Consultant

- Analysis and manipulation of actuarial data, sensitivity analyses and financial projections, results presentation.
- Risk analysis, actuarial results interpretation - collaboration with actuarial teams, underwriters, evaluation of technical provisions and reserves.

Technical Skills: SQL, Python, R, Alteryx, Power BI, Excel-VBA, Microsoft Office.

Functional Skills: Data Cleaning and Preprocessing, Data visualization, Statistical Analysis, Reporting and Communication, Coding and Scripting.

Estante Mágica – Brazil

2019 - 2020

Data Analyst

- Extraction, manipulation, processing, and analysis of data.
- Development of machine learning neural network models for sales forecasting and tracking.

Technical Skills: Python, SQL, Excel-VBA, Power BI

Functional Skills: Data Cleaning and Preprocessing, Data visualization, Statistical Analysis, Reporting and Communication, Coding and Scripting, Collaboration and Teamwork.

LabMA UFRJ – Brazil

2018 - 2019

Data Analyst

- Data cleaning, Preprocessing and analysis
- Statistical models development (GLM, GAM, survey models, churn prediction) - extraction, manipulation, processing, and data analysis.

Technical Skills: R, SQL, Python, Excel-VBA, LaTeX, R-Markdown, R-Shine.

Functional Skills: Data Cleaning and Preprocessing, Data visualization, Statistical Analysis, Reporting and Communication, Coding and Scripting, Results presentation, Collaboration and Teamwork.