# MÁRIO DIEGO ROCHA **VALENTE**

Data Scientist/Biostatistic

## Personal

Mário Diego Rocha Valente
Nationality: Brazil
Naturaly: State of Pará
Alma Mater: UFPA/
Universidade Barcelona
Sign: Scorpion

## Areas of Specialization

- Biostatistic
- Data Science
- Item Response Theory
- Project Management
- Business Process Management
- Balanced Scorecard
- Statistical Quality Control
- Road Safety

## Quality

Honest / Pragmatic

## Software

SPSS / Minitab / PowerBi
R / Python / VsCode
DevC++ / Eclipse / MySQL

@MarioDhiego
MarioValente
MarioDhiego

## GRADUATION

| | | |
|---|---|---|
| 2001–2005 | **Bachelor in Statistic** <br> BELÉM - PARÁ - BRAZIL · 📍 | |
| 2022–Atual | **Bachelor in Information Systems** <br> BELÉM - PARÁ - BRAZIL · 📍 | |

## ROAD SAFETY

| | | |
|---|---|---|
| 2009 | **Traffic Instructor** <br> BELÉM - PARÁ - BRAZIL · 📍 | DETRAN-PA |
| 2010 | **Traffic Examiner** <br> BELÉM - PARÁ - BRAZIL · 📍 | DETRAN-PA |
| 2022 | **Traffic Enforcement Agent** <br> BELÉM - PARÁ - BRAZIL · 📍 | DETRAN-PA |
| 2022 | **Traffic Accident Expertise** <br> BELÉM - PARÁ - BRAZIL · 📍 | FENASDETRAN <br> FEDERAÇÃO NACIONAL DAS ASSOCIAÇÕES DE DETRAN |

## POSGRADUATIONS

| | | |
|---|---|---|
| 2010-2012 | **Ciência Florestal (Master's Degree)** <br> UFRA · Brazil 🏛 | |
| 2005-2006 | **Statistical Quality Control (Specialist Degree)** <br> UFPA · BRAZIL 🏛 | |
| 2009-2010 | **Biostatistic (Specialist Degree)** <br> UFPA · Brazil 🏛 | |
| 2017-2018 | **Traffic and Transportation Management (Specialist Degree)** <br> UNICID · BRAZIL 🏛 | UNICID <br> Universidade Cidade de S. Paulo |
| 2022-2023 | **Traffic Law (Specialist Degree)** <br> UNICID · BRAZIL 🏛 | UNICID <br> Universidade Cidade de S. Paulo |

## PROGRAMMING

| Language | |
|---|---|
| SPSS 29 | ████████████ |
| MINITAB 21 | ███████████ |
| LaTeX3 | █████████ |
| R 4.3 | ████████ |
| PYTHON 3.12 | ██████ |
| HTML5/CSS3 | ████ |
| SQL | ████ |
| Markdown | ███ |
| C/C++ | ██ |
| JavaScript | █ |

## Academy Education

| 2006-2008 | **Assistant Teacher**<br>BELÉM - PARÁ - BRAZIL · 📍 |
| 2012-2014 | **Assistant Teacher**<br>BELÉM - PARÁ - BRAZIL · 📍 |
| 2021-2023 | **Post Graduation Teacher**<br>BELÉM - PARÁ - BRAZIL · 📍 |

## Languages

| **Portuguese** | C5 | Mother Tongue |
|---|---|---|
| **English** | C2 | ●  ●  ●  ● |
| **Spanish** | C3 | ●  ●  ●  ● |
| **Italian** | C1 | ●  ●  ●  ● |

## Publications

**2023** *Book of Fundamentals of Statistics in Public Management*, DETRAN-PA Printing Press.

**2020** *Project of Strengthening Road Traffic Enforcement in Brazil*, ONU/CEPAL Printing Press.

## Research

- Exploratory Analysis of Spatial Data
- Item Response Theory
- Text Mining
- Machine Learning
- Probability Theory

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