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| PERSONAL INFORMATION | MSc. Manuela da Cruz Chadreque |
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| STATISTICIAN and BUSINESS INTELLIGENCE DEVELOPER | 39 5th Avenue, Alberton North, 1449 Gauteng (South Africa)  |
| +27670792635 language(s) Portuguesa and English |
| manuelachadreque@gmail.com Sex Female |
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| I am a statistician and Business Intelligence developer, I come from the aviation industry, where I worked closely and developed business intelligence tools tomarketing intelligence, operational management, financial management, procurement and parking and real estate business units and teams. |

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| SKILLS |   |

* Dimensional Modelling
* Statistic Modelling
* Machine Learning
* Data Visualization
* PYTHON and R
* SQL and UML

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| WORK EXPERIENCE |   |

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| 04/2014–06/2017 | Business Intelligence Developer |
| ANA VINCI AIRPORTS, Lisbon (Portugal)  |
| * Developed ETL processes, OLAP Cubes, WEBI reports, and Tableau Dashboards.
* Optimized Business reporting by developing and implementing Business Intelligence Solutions across various business units from Operational to Management Level.
* Ensured delivering the correct end product according to business requirements.
* Improve response time for information analysis and decision making;
* Improved Data Quality and Uniformization of concepts between business units leading to consensus metrics results across the organization;
* Boosted the team’s performance by allowing more time to analyse instead of producing reports.
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| 06/2011–05/2013 | Data analyst |
| QUICKWORDS, Lisbon (Portugal) |
| * Requirements Gathering and Planning and Implementing from Data Collection to Data Analysis and Reporting.
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| 10/2017–Present | Data analyst |
| FREELANCERS (Mozambique)  |
| * NGO Client- Improved Program Evaluation Data Analysis and Data Visualization;
* Data Analytics Client: business understanding data analysis motivation and student preferences between private universities.
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| EDUCATION AND TRAINING |   |

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| 10/2005–10/2010 | BSc in Applied statistics with minor in Operational Research, | EQF level 6 |
| University of Lisbon, Lisbon (Portugal)  |
| * Exploratory Data Analysis: Advanced skills for Data Analysis using R and SPSS. Descriptive analysis and Statistical Inference, Linear Regression, Principal Component and Cluster Analysis.
* Surveys and Questionnaires Design: Techniques for collecting a random sample: simple sampling with and without replacement, stratified sampling, k-phase sampling, systematic.
* Programming I, II, Object-Oriented programming and Data Base Management: Data structures and Algorithms; Modelling and Class design using UML and querying data with SQL.
* Operational Research: Linear and Integer Programming; Graph Theory; Activities Planning, CPM.
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| 09/2010–09/2012 | MSc in Statistics | EQF level 7 |
| University of Lisbon, Lisbon (Portugal)  |
| * Stochastic Modelling and Optimization;
* Computational Statistics and Simulation, Monte Carlo simulation and methods;
* Data collection and sampling and Data Analysis;
* Quality Management and Control.
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| 09/2011–09/2012 | Postgraduate in Business Intelligence | EQF level 7 |
| ISCTE University Institute of Lisbon, Lisbon (Portugal)  |
| * Data Warehousing and Analytical Processing Systems I and II: Plan, Project, Implement and Explore a data warehousing system using real case studies and development and management of ETL (extraction, transformation and loading) systems for data warehouses.
* Strategic Information Systems and Performance Management I and II: Critic view in the area of strategic information systems applied to the performance management, with an emphasis on the balanced scorecard, quality management and business process management.
* Machine Learning: practical implementation of machine learning algorithms to solve problems such as Credit Risk and Churn in telecommunication.
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| 2018–2018 | Quantitative Analyst with R |  |
| Datacamp |
| * Extract data from multiple sources such as Yahoo Finance, quandl and Extract meaningful insights from financial data;
* Exploratory Time Series Analysis and modelling using the ARIMA model;
* Learned how to optimize financial portfolios, Work with the risk-factor return, estimate value-at-risk;
* Develop models to evaluate and analyse bonds as well as protect them from interest rate changes.
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| 04/2019–06/2019 | Deep Learning Specialization |  |
| deeplearning.ai |
| * Neural Networks and Deep Learning
* Improving Deep Neural Networks: Hyperparameter tuning, Regularization and Optimization
* Structuring Machine Learning Projects
* Convolutional Neural Networks Sequence Models
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| 00/2016–06/2019 | Self-Development Courses |
| * Coaching and Empowerment;
* Interpersonal communication and Assertiveness;
* International Logistics;
* Entrepreneurship.
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| TECHNICAL SKILLS |   |

* Data Warehousing (ETL and Reporting)
* BPM Modelling
* Business Analysis
* Reporting Automation
* Time Series and Forecasting
* Statistical Modelling
* Machine Learning
* Linear Programming
* Data Visualization
* Project Management
* SQL and UML

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| BUSINESS INTELLIGENCE, ANALYTIC SKILLS AND TOOLS |   |

* Data Warehousing (ETL, OLAP and Reporting)
* SAP BO (WEBI, IDT)
* SAP DATA SERVICES
* SAP HANA
* TABLEAU & POWER BI
* ANACONDA
* Sybase SAP PowerDesign
* SPSS
* Microsoft Project

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| SOFT SKILL |   |

* Communication
* Problem Solver
* Logical Thinking
* Collaborative
* Self-taught
* Proactivity
* Enthusiastic
* Able to listen