|  |  |
| --- | --- |
| PERSONAL INFORMATION | MSc. Manuela da Cruz Chadreque |
|  | |
| 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 |
| |  | | --- | | 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. | |

|  |  |
| --- | --- |
| SKILLS |  |

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

|  |  |
| --- | --- |
| WORK EXPERIENCE |  |

|  |  |
| --- | --- |
| 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. |

|  |  |
| --- | --- |
| 06/2011–05/2013 | Data analyst |
| QUICKWORDS, Lisbon (Portugal) |
| * Requirements Gathering and Planning and Implementing from Data Collection to Data Analysis and Reporting. |
| 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. |

|  |  |
| --- | --- |
| EDUCATION AND TRAINING |  |

|  |  |  |
| --- | --- | --- |
| 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. | |

|  |  |  |
| --- | --- | --- |
| 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. | |

|  |  |  |
| --- | --- | --- |
| 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. | |

|  |  |  |
| --- | --- | --- |
| 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. | |

|  |  |  |
| --- | --- | --- |
| 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 | |
| 00/2016–06/2019 | Self-Development Courses |
| * Coaching and Empowerment; * Interpersonal communication and Assertiveness; * International Logistics; * Entrepreneurship. | |

|  |  |
| --- | --- |
| 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

|  |  |
| --- | --- |
| 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

|  |  |
| --- | --- |
| SOFT SKILL |  |

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