

Valter Cheque

Waltham, MA | ((781) 226-8885 | valtercheque@brandeis.edu | [linkedin.com/in/valter-cheque](https://www.linkedin.com/in/valter-cheque)

EDUCATION

Brandeis International Business School Candidate for Master of Science in Business Analytics (STEM-Designated) <i>Relevant Coursework:</i> Analyzing Big Data I, Python and its Application to Business Analytics	Waltham, MA 08/2024 - 02/2026
Manipal Academy of Higher Education Candidate for Master of Science in Business Analytics (Online) <i>Relevant Coursework:</i> Analyzing Big Data, R and Python for Data Analysis, Financial Management, Marketing Analytics, Business Econometrics	Manipal, India 09/2022 - 08/2024
Eduardo Mondlane University Bachelor of Computer Engineering <i>Relevant Coursework:</i> Applied Mathematics, Software Development, Database Management	Maputo, Mozambique 02/2013 - 09/2017

TECHNICAL SKILLS

Programming Languages: Python, SQL, R, C#, JAVA
Computer Software: Advanced Microsoft Excel, Tableau, Power BI, STATA
Analytics: Data Warehousing and Visualization, Predictive Modeling, Marketing Analytics, Data Mining and Engineering, Cloud Computing
Microsoft Certified: Power BI Data Analyst Associate, Azure Data Scientist Associate, Azure Data Engineer Associate

WORK EXPERIENCE

Friends in Global Health Data Analyst <ul style="list-style-type: none">Built a dashboard used by Mozambique's Ministry of Health, consolidating data from over 650 health facilities nationwide streamlining HIV/AIDS treatment monitoring in MozambiqueChampioned 4 data-driven projects, fostering collaboration between donors and the Ministry of Health. Created comprehensive technical documentation to ensure transparency and knowledge transferAnalyzed data, built reports, and crafted data visualizations using Excel, SQL, and Power BI to inform management decisions, enabling program adjustments and achieving targets up to two months ahead of schedule in the last two COPsMentored and upskilled 279 program team members in data interpretation through a comprehensive Power BI training program, resulting in a 95% improvement in data analysis capabilitiesConstructed and implemented predictive machine learning models to accurately identify at-risk populations, enabling targeted interventions and optimized program outcomes	Maputo, Mozambique 10/2021 – 08/2024
Standard Bank Mozambique Application Support Analyst <ul style="list-style-type: none">Leveraged data analysis for proactive identification and mitigation of application issues, leading to a 60% reduction in P1/P2 incidents and increased customer satisfactionCreated data visualization dashboards resulting in an 80% rise in business satisfaction with data clarityWorked closely with developers to troubleshoot issues, co-develop solutions, and design/implement monitoring toolsCompleted root cause analysis documentation for 100% of recurring incidents, ensuring preventative measures were implemented to minimize future disruptions	Maputo, Mozambique 01/2018 - 09/2021

ACADEMIC PROJECTS

Eduardo Mondlane University Course Final Project <ul style="list-style-type: none">Performed penetration tests on 95% of Mozambican government web applicationsProposed security measures to increase applications security by 99% according to identified vulnerabilities	Maputo, Mozambique 02/2017 - 09/2017
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