

# Tolulope Oluwabunmi

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## EDUCATION

<b>Brandeis School of Business and Economics</b>	<b>Waltham, MA</b>
<b>Candidate for Master of Science in Finance (STEM-Designated)</b>	08/2025 - 12/2026
<b>Candidate for Master of Science in Business Analytics (STEM-Designated)</b>	01/2025 - 12/2026
<b>CFA Level I Candidate</b>	11/2025
<b>University of Ilorin</b>	<b>Kwara, Nigeria</b>
<b>Bachelor of Science in Finance, with Distinction</b>	10/2018 - 10/2023

## TECHNICAL SKILLS

**Programming Languages:** Python, SQL, R  
**Computer Software:** Advanced Microsoft Excel, Tableau, Power BI  
**Analytics:** Data Warehousing, Data Visualization, Predictive Modeling, Financial Analytics

## WORK EXPERIENCE

<b>Federal Ministry of Finance</b>	<b>Abuja, Nigeria</b>
<b>Cash Management (Intern)</b>	11/2023 - 10/2024
<ul style="list-style-type: none"><li>Prepared 20+ disbursement plans monthly to optimize government spending</li><li>Developed monthly cash plans for the cash management committee, ensuring efficient fund allocation</li><li>Enhanced revenue collection processes, driving noticeable increases in revenue generation</li></ul>	
<b>Raytill Nigeria Limited</b>	<b>Ogun, Nigeria</b>
<b>Intern</b>	08/2022 - 12/2022
<ul style="list-style-type: none"><li>Communicated with 150+ customers monthly regarding overdue bills, offering tailored payment options to improve collections</li><li>Negotiated payment plans with 100% of customers, leading to the timely settlement of 80% of outstanding balances</li></ul>	

## ACADEMIC PROJECTS

<b>Massachusetts High Technology Council</b>	<b>Massachusetts, USA</b>
<b>Field Project (Consulting Project)</b>	06/2025 - 08/2025
<ul style="list-style-type: none"><li>Collaborated with a cross-functional graduate team to design and deliver interactive data visualizations supporting MHTC's economic competitiveness strategy</li><li>Developed dashboards using WordPress, TablePress, and Interactive Geo Map, improving accessibility of complex datasets for stakeholders</li><li>Conducted data research, cleaning, and integration from sources such as CNBC and the Tax Foundation, ensuring reliability and accuracy of findings</li><li>Presented insights to MHTC leadership, receiving positive feedback and influencing discussions on state policy initiatives</li><li>Expanded analysis with Tableau Public dashboards, providing actionable insights beyond geographical mapping</li></ul>	

## Seoul Bike Demand Forecasting Project | Brandeis School of Business and Economics | 2025

- Built and diagnosed a multivariate regression model on 8,760 hourly observations of Seoul bike rentals to identify key demand drivers
- Applied statistical techniques in R to evaluate variable significance; model achieved  $R^2 = 0.45$
- Delivered insights on seasonality, weather effects, and holidays, translated findings into strategic recommendations (fleet allocation, weather-based incentives, seasonal campaigns)

## ACTIVITIES/SKILLS

**Activities:** Teaching Assistant; Introduction to Probability and Statistics for Business and Economics (08/25-present); Information and Borrowing Assistant Brandeis Library (06/25-present); Data Analytics Club (2025); Society of Women Engineers; CFA Society Boston

**Languages:** English (Fluent), Yoruba (Native)