

# Isaac Mollinedo

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## EDUCATION

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CUNY Baruch College   New York, NY   <b>MS in Statistics</b> , GPA: 3.738	05/19
Instituto Tecnológico de Monterrey   Mexico City, Mexico   <b>BA in Financial Management</b> , GPA: 3.62	05/15
Boston University   Boston, MA   <b>Study Abroad Program</b> , GPA: 3.50	12/13
Culver Academies   Culver, IN   <b>High School Diploma</b>	06/10

## EXPERIENCE

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Cantor Fitzgerald   New York, NY   <b>Data Management Analyst</b>	03/19 – Present
<ul style="list-style-type: none"><li>• Wrote multiple ad-hoc SQL queries for Management</li><li>• Introduced full automation and distribution of daily SQL query reports using Batch scripts</li><li>• Modified and extended Python packages to suit specific company needs; allowing for fast and comprehensive deployment</li><li>• Built text processing tools in Python and VBA to clean-up names, which helped identify redundancies across systems</li><li>• Used Google Knowledge Graph Search API and Selenium for Python to standardize internal datasets</li><li>• Obtained data from FINRA by scraping Brokercheck.com, and used it to enrich and crosscheck data on external brokers</li><li>• Designed and developed a web application for internal KPI reporting using Python, Flask, JavaScript, and SQLite</li><li>• Automated 90% of the reconciliation process between HR's "active/terminated employees" data and systems users' logins</li></ul>	
2U   New York, NY   <b>Teaching Assistant at Columbia University's Data Analytics Bootcamp</b>	02/20– 05/20
<ul style="list-style-type: none"><li>• Helped teach data processing and visualization with tools such as HTML, JavaScript, D3, Geo Mapping, SQL, Python, Pandas, and R</li></ul>	
United Nations   New York, NY   <b>Data Analytics Graduate Associate at the Department of Field Support</b>	02/18 – 05/18
<ul style="list-style-type: none"><li>• Conceptualized and built a tool that automatically yields an executive analysis on UN Missions' Contract Solicitation Status; this report allowed Senior Management to visualize up-to-date aggregated information</li><li>• Supported a team tasked with generating a feasibility analysis for streamlining the core requisitioning processes</li></ul>	
Management Solutions   Mexico City, Mexico   <b>Junior Consultant</b>	06/15 – 05/16
<ul style="list-style-type: none"><li>• Worked on a project to implement a treasury platform (Murex 3) at leading global financial institution</li><li>• Created VBA and Murex Macros that run portfolio simulations automatically before the start of each working day, significantly increasing productivity</li><li>• Automated the migration of more than 3700 data templates; this kept the project on schedule and saved the team 3.5 weeks of manual input</li><li>• Conducted Murex 3 workshops and one-to-one training sessions for novice and advanced users</li><li>• Analyzed financial products, trades, and rate curves from a support perspective in Murex and Excel</li><li>• Liaised with the Risk Department, Global Teams, Front, Middle and Back Offices to fulfill their system requirements</li></ul>	

## PROFESSIONAL DEVELOPMENT

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### Online Courses

- [Columbia University's CSMM.101x](#) Machine Learning (Certified)
- [Udemy](#) Linux Shell Scripting: A Project-Based Approach to Learning

## SKILLS

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**Technology:** Python, Pandas, Linux, R, SQL, SAS, VBA, MapReduce, and PySpark

**Languages:** Fluent in Spanish and English