

# FINNEGAN NGUYEN

## TEAM LEAD, DATA OPERATIONS | DATA MANAGEMENT | DATA ANALYTICS

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PROFESSIONAL SUMMARY:	Dynamic Data Operations Leader and Analyst with a robust background in statistics and mathematical finance. Expert at swiftly mastering industry knowledge and database architectures, renowned for identifying critical data challenges and leading high-impact projects to ensure integrity and actionable insights. Skilled in automating processes and driving strategic, data-informed decisions. A proven collaborator across all organizational levels, fostering innovation and operational excellence.		
SKILLS:	Programming: Python, SQL, R, Excel, HTML, JavaScript, C# Software/Tools: MySQL, RStudio, Tableau, SPSS, Visual Studio, Mathematica, MATLAB, Unity Industry: Data Management, Project Management, Data Modeling, Statistical Analysis, Machine Learning		
PROFESSIONAL EXPERIENCE:	KBRA, New York, NY	Sep 2021 – Present	
	Team Lead, Data Operations, Technology (Mar 2023 – Present)		
	<ul style="list-style-type: none"><li>Led and mentored data stewards to assess business and data needs, conduct audits, and analyze root causes.</li><li>Ensured timely delivery and implemented process improvements, driving double-digit revenue growth.</li><li>Drove data quality excellence, achieving a 100% audit rate in the company's best quarter.</li><li>Created Python apps to automate tasks, halving processing time and eliminating manual errors.</li><li>Developed and implemented SQL scripts and SOPs, ensuring data integrity and streamlining operations.</li><li>Collaborated with cross-functional teams to test functionalities and design requirements for data applications.</li><li>Pioneered data innovation initiatives, exploring LLM applications for financial report data extraction.</li></ul>		
	Technology Data Steward (Sep 2021 – Mar 2023)		
	<ul style="list-style-type: none"><li>Ensured 99% data accuracy with Python scripting and SQL querying, supporting key decisions.</li><li>Led data governance and collaborated with IT and business units on data standards.</li></ul>		
	European Organization for Nuclear Research (CERN), Geneva, Switzerland	Jun 2017 – Aug 2017	
	Data Analyst Intern		
	<ul style="list-style-type: none"><li>Sole undergraduate selected for an astrophysics project published in Physical Review D (<a href="#">arxiv link</a>).</li><li>Designed statistical methods, processed 10K NASA data, and developed an R clustering model, improving accuracy and cutting data collection time by 3 weeks.</li></ul>		
	Manhattan College, Bronx, NY	Mar 2016 – May 2018	
	Research Assistant (Sep 2016 – Jun 2017)		
	Physics Lab Assistant (Mar 2016 – May 2018)		
	<ul style="list-style-type: none"><li>Conducted 2 NSF-funded research projects proposing GBDT models to separate signal and background data.</li><li>Assisted lab technicians, maintaining equipment, and set up weekly physics labs for student use.</li></ul>		
PROJECTS:	Visual Perception and Human Behavior Studies (Freelance)	May 2020 – Sep 2021	
	<ul style="list-style-type: none"><li>Designed and programmed 20+ game-like experiments for The New School Psychology PhD students.</li><li>Automated subject filtering and data aggregation, saving approximately 20 man-hours monthly.</li></ul>		
	Migration and Socioeconomic by States in 15 years (2005 – 2019)	Jun 2021 – Sep 2021	
	<ul style="list-style-type: none"><li>Created dashboards for socioeconomic data (<a href="#">here</a>) and state-to-state migration flows (<a href="#">here</a>).</li></ul>		
EDUCATION:	Hunter College, New York, NY	2020	
	M.A., Statistics & Applied Mathematics		
	Manhattan College, Bronx, NY	2018	
	B.S., Physics		
CERTIFICATION:	DAMA International, The Global Data Management Community	In Progress	
	Certified Data Management Professional (CDMP)		