

EDUCATION

Northeastern University | expected June 2025

GPA: 3.926

Master's in Data Analytics, Concentration in Applied Machine Learning

Purdue University | May 2022

GPA: 3.423

Bachelor's in Actuarial Science and Applied Statistics

EXPERIENCE

Northeastern University | Boston, MA

Analytics Engineer

June 2024 – present

- Designing and implementing staging views and data marts in Snowflake to support modular, scalable analytics workflows and prepare for integration with dbt Cloud.
- Introducing and operationalizing dbt Cloud to modernize data transformation processes, enhancing pipeline maintainability, version control, and team collaboration.
- Conducted ad-hoc exploratory data analysis and statistical modeling with Python for data wrangling, automation, and scripting custom solutions to aid analytical processes.
- Collaborating with data engineers and data scientists to refine data pipeline workflows and enhance data quality for downstream analytics.
- Orchestrating workflow automation to resolve inconsistencies in upstream data pipelines, ensuring clean, analysis-ready datasets.

Data Analyst

August 2023 – June 2024

- Managed end-to-end execution of critical data workflows using Alteryx and SQL, leveraging complex datasets from Northeastern's Operational Data Store, Salesforce CRM, and Slate to enhance operational efficiency.
- Designed and implemented key business metrics and dashboards in Tableau and Power BI, enabling leadership to track performance effectively.
- Managing the scheduling and execution of critical data workflows, ensuring operational excellence.

Gray Decision Intelligence | Boston, MA

Lead Data Analyst

January 2022 – May 2023

- Designed and developed custom analytics applications for clients, focusing on financial modeling and program economics.
- Leveraged SQL and Qlik to integrate big data sources, perform advanced calculations, and generate key insights.
- Worked closely with clients by attending working session calls, delivering demo presentations to familiarize the clients with the system, and facilitating small or full-group sessions
- Led cross-functional collaborations with stakeholders to translate business challenges into actionable data-driven solutions.
- Performed predictive modeling and trend analysis to enhance the company's proprietary database using Qlik AutoML.

Willis Towers Watson | Boston, MA

Retirement Actuarial Intern

May 2021 – August 2021

- Performed annual pension (qualified and non-qualified) and post-retirement medical valuations for a variety of clients
- Performed plan administrative tasks such as completing benefit calculations, reviewing plan documents and SPDs, and producing benefit statements
- Analyzed de-risking options for defined benefit plans (bulk lump sums, retiree annuity purchases, plan terminations)

Kothari & Co. | Hyderabad, India

Data Automation Intern

May 2019 – August 2019

- Built SQL-based data validation scripts to ensure data integrity and accuracy in analytical reports.
- Developed automation tools using Python (NumPy, Pandas) to improve data pipeline efficiency.

SKILLS & CERTIFICATIONS

- **Data Engineering and Big Data:** SQL (Snowflake, Spark), dbt Cloud, Qlik, Alteryx
- **Analytics & Visualization:** Tableau, PowerBI, regression, clustering, time-series analysis
- **Programming Proficiency:** Python, SQL, R, MATLAB, C
- **Others:** Github, Microsoft Office, Microsoft Azure
- Microsoft Certified: Azure Fundamentals | id: D4906FBD6C5C41C7