

Nivetha Sivakumar

177 Hopkins Avenue, Jersey City, NJ, 07306 | +1(201)492-7190 | nsivakum@mail.yu.edu | [LinkedIn](#) | [GitHub](#)

SUMMARY

Data analyst with a strong analytical mindset and two years of experience leveraging data for insights. Specialized in problem-solving and skilled in creating impactful dashboards with advanced automation and analytics tools, contributing to organizational goals.

EDUCATION

Yeshiva University - Katz School of Science and Health
Master of Science in Data Analytics and Visualization

New York, NY
Expected May 2025

SRM Institute of Science and Technology
Bachelor of Technology in Electronics and Instrumentation Engineering, Full-time Athletic Scholarship

Chennai, India
May 2021

SKILLS

Python (NumPy, Pandas, Scikit-Learn, PySpark) | SQL | Databricks | Data Modelling | Data Warehousing | Web Scraping | Machine Learning | ML Operations (Model Development, Predictions, Parameter Tuning, Validation) | Feature Stores | ML flow | Statistics | Tableau | Microsoft Excel | API testing (Postman, SoapUI) | Selenium | Talend | Microsoft Power Point | GIT | EDA

PROFESSIONAL EXPERIENCE

Tredence
Data Analyst

Bengaluru, India
May 2022 - August 2023

- Utilized Python and SQL to manage diverse datasets effectively, applying data transformation, data mining, and data quality management techniques. Extracted valuable features from raw data, facilitating efficient, data-driven decision-making processes.
- Leveraged Tableau to develop dashboards summarizing data findings, trends, key metrics, and solutions. This enabled stakeholders to make valuable business decisions through clear and insightful visualizations.
- Spearheaded machine learning model monitoring, ensuring robust health assessment through statistical concepts, including drift, explainability, accuracy, and bias evaluation, to guarantee model compliance.
- Implemented MLflow and feature stores for comprehensive machine learning lifecycle management, reducing complexities in managing ML projects by 15% through streamlined processes and consistent, reusable features.
- Engineered an end-to-end machine learning pipeline to analyse customer behaviour, conduct level segmentation, and forecast demand using ML algorithms (XGBOOST and ARIMA). This initiative, based on five years of retail data, yielded significant insights for pricing strategies, resulting in a 7% increase in overall accuracy.
- Recognized for swift comprehension of intricate concepts related to time series data drift analysis, coupled with end-to-end proficiency in library implementation

Mindtree
Software Engineer - Testing

Chennai, India
August 2021 - April 2022

- Utilized SQL for comprehensive database testing, test data setup, and backend validation, with a focus on performance optimization and data migration testing.
 - Employed Python to develop robust test automation solutions, encompassing unit, functional, performance testing, and executing business-aligned test cases.
 - Skilled in Postman and Newman for robust data and API testing, leveraging automation to validate endpoints, ensure data accuracy, and enhance overall software quality in a streamlined testing environment.
 - Streamlined and automated weekly executive report, resulting in a 20% reduction in daily manual efforts.
 - Implemented comprehensive cross-browser data validation tests utilizing Selenium, ensuring the consistent functionality of data-driven features across various browsers, thereby enhancing the overall user experience and application reliability.
-

VOLUNTEER

- Training sessions lead:** Tredence, Bangalore, India
 - Team Lead, Ball Badminton:** SRM Institute of Science and Technology, Chennai, India
 - Sports Club disciplinary member, Ball Badminton:** SRM Institute of Science and Technology, Chennai, India
 - All Sports Hostel community member:** SRM Institute of Science and Technology, Chennai, India
-

CERTIFICATIONS

- Microsoft certified: az-900
- Google Data Analytics
- Coursera: Distributed computing with spark SQL
- Coursera: Python classes and inheritance