

Nivedita Thorat

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Detail-oriented Data Analyst with expertise in transforming raw data into actionable insights and visualizations. Skilled in data modeling, statistical analysis, and creating interactive dashboards. Proven ability to enhance decision-making processes and drive business growth through data-driven strategies.

SKILLS

- **Languages:** Python, SQL
- **Libraries:** Pandas, NumPy, Matplotlib, Seaborn, Scikit-Learn, Beautiful Soup.
- **Data Visualization Tool:** Tableau, Power BI.
- **R-DBMS:** PostgreSQL, MySQL, MS SQL
- **Algorithm:** Decision Tree Regression, Random Forest Regression, Logistic Regression, etc.
- **Concepts:** Machine and Deep Learning, EDA, Object Oriented Programming, Agile Development, Scrum
- **Cloud Technologies** Amazon Web Services (AWS) – EC2, RDS, S3 etc.
- **Tools:** MS Excel (Power Query, VLOOKUP etc.), Jupyter Notebook, Visual Studio, Git, Postman

PROJECTS

Customer Churn Analytics and Predictive Modeling

Developed predictive models (Decision Tree, Logistic Regression) to identify at-risk e-commerce customers, leveraging Python (pandas, scikit-learn) and data visualization (matplotlib, seaborn). Identified key churn drivers, including tenure and order count, informing targeted retention strategies.

Revolut Credit Card Spending Analysis

Analyzed Revolut credit card spending data to uncover patterns in customer behavior. Used Python (NumPy, Pandas, Seaborn) for data analysis and presented findings through a PowerPoint presentation. The project aims to guide strategies for optimizing customer engagement and revenue growth.

Chicago City 311 Service Analysis

Analyzed 400,000+ service requests from the Department of Streets and Sanitation (DSS) in Chicago to improve their resolution time and resource allocation. Identified service requests with high closing times and prioritized areas for improvement. Developed a resource allocation strategy to optimize DSS's response to community needs. Presented findings and recommendations to DSS stakeholders.

EXPERIENCE

BroadStreet

Community Data Intern

February 2025 – Present

Remote, Canada

- Analyzed quantitative compressed mortality data from the CDC WONDER database to support community health initiatives. Gained proficiency in key data skills: querying, data cleaning and preparation, statistical analysis, data visualization, and interpretation.
- Collaborated with BroadStreet leadership and team members on project development and execution.

GSM College of Engineering

Assistant Professor

October 2017 - July 2023

Maharashtra, India

- Instructed various design and analysis subjects, emphasizing core concepts of statistics, for Engineering students.
- Engaged in the research and development cell of the Civil Engineering Department, fostering innovation and analytical rigor. Authored research papers in national and international journals, showcasing my ability to conduct thorough analysis and communicate findings effectively.

EDUCATION

St. Clair College - CGPA- 3.8/4

Post Graduate Diploma in Data Analytics for Business

September 2023 - April 2025

Ontario, Canada

Savitribai Phule Pune University - CGPA- 8.4/10

Masters in Structural Design

July 2015 - June 2017

Maharashtra, India

CERTIFICATIONS

- Tableau Desktop Specialist – Tableau
- AWS Certified Cloud Practitioner – AWS
- Agile Foundation – LinkedIn Learning
- Scrum: The Basics – LinkedIn Learning

Portfolio Link: 

Research Paper Publication Link: 