

Swapnil Deore

• New York, NY • deoreswapnil@outlook.com • (315)883-7097 • [linkedin.com/in/swapnildeore/](https://www.linkedin.com/in/swapnildeore/) • [Portfolio](#)

EDUCATION

Syracuse University

August 2022 – May 2024

Master of Science, Information Systems

Relevant Coursework: Business Intelligence, Data Analysis and Decision Making, Natural Language Processing, Data Visualization

University of Mumbai

June 2016 – June 2020

Bachelor of Engineering, Computer Engineering

Relevant Coursework: Data Science, Data Mining, Machine Learning, Database Management System, Business Analytics, Python

TECHNICAL SKILLS

Programming Languages: Python, R, SQL, NoSQL, HTML, CSS, C

Packages: Numpy, Pandas, Matplotlib, Seaborn, Ggplot2, Dplyr, Tidyverse, Shiny, Langchain, NLTK, spaCy, GraphRAG, Neo4j

Tools: MySQL, PostgreSQL, Alteryx, Power BI, Tableau, Looker, Gephi, Snowflake, Excel, VBA, Talkwalker, Databricks, AWS

Other Skills: Git, GenAI, Statistical Analysis, Quantitative Analysis, Hypothesis Testing, A/B Testing, Qualitative Analysis

WORK EXPERIENCE

/prompt.

June 2024 – August 2024

Data Science Intern

- Applied conversational analysis to social media data, generating insights that helped Fortune 500 clients improve public perception and optimize digital marketing strategies
- Increased Lidl CEO's linkedin profile engagement by 5,000+ users conducting sentiment analysis using Langchain and GraphRAG
- Developed 5 dashboards using Tableau to keep track of KPI's and visualize key insights for various clients
- Conducted A/B tests using Python and statistical methods to evaluate the effectiveness of new product features and promotional strategies, optimizing customer acquisition and engagement
- Coordinated with finance and marketing team to integrate market insights with business objectives, streamlining communication of intricate data findings to influence marketing decisions and optimize profitability

Syracuse University

May 2023 – August 2023

Data Analyst Intern

- Devised predictive models using machine learning algorithms, enabling accurate forecasting of sales and inventory levels for university store, which contributed to a 25% reduction in stockouts
- Performed social listening to provide event managers with real-time insights on latest trends, boosting event awareness by 15%
- Created customized dashboards and reports using Power BI to provide senior management with real-time insights into key performance metrics, enabling data-driven decision-making
- Enhanced operational efficiency by 60% through the integration of automation and AI models, streamlining data processing and reducing manual tasks across the team

Tata Consultancy Services

September 2020 – July 2022

Software Engineer

- Built and optimized ETL processes to transform raw data into actionable insights, improving data quality and enabling accurate reporting across departments at National Stock Exchange
- Leveraged Python and natural language processing (NLP) to analyze stock exchange data, identifying key customer pain points and delivering insights that improved client engagement and satisfaction by 20%
- Conducted in-depth analyses on trading datasets using advanced statistical techniques, including time-series and multivariate analysis, delivering actionable insights that optimized trading efficiency and informed strategic market decisions
- Collaborated with cross-functional teams to establish data governance frameworks, ensuring data integrity and compliance with industry standards, enhancing reporting accuracy and consistency
- Managed large-scale data migration projects, ensuring seamless transitions while maintaining data integrity and compliance, with 0 data loss incidents

LEADERSHIP EXPERIENCE

Social Wing (NGO)

June 2018 – June 2020

Vice President

- Led impactful community service campaigns such as fundraising marathons, tree plantations, cleanup drives, and educational programs at orphanages, successfully funding the education of 40 underprivileged children