

Swapnil Deore

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EDUCATION

Master of Science, Information Systems

August 2022 – May 2024

Syracuse University, Syracuse, NY

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

Bachelor of Engineering, Computer Engineering

June 2016 – June 2020

University of Mumbai, Mumbai, India

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

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

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

WORK EXPERIENCE

Data Science Intern

June 2024 – August 2024

Prompt, New York, NY

- 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 models and NLP
- 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

Data Analyst Intern

May 2023 – August 2023

Syracuse University, Syracuse, NY

- 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

Software Engineer

September 2020 – July 2022

Tata Consultancy Services, Mumbai, India

- 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

Vice President

June 2018 – June 2020

Social Wing (NGO), Mumbai, India

- 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