

Swapnil Deore

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EDUCATION

Master of Science, Information Systems (GPA: 4/4)

May 2024

Syracuse University, Syracuse, New York

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

Bachelor of Engineering, Computer Engineering (GPA: 8/10)

June 2016 – June 2020

University of Mumbai, Mumbai, India

- Relevant Coursework: Information Systems, Data Mining, Python, Data Science, Database Management System, Business Analytics

TECHNICAL SKILLS

Programming Languages Python, R, SQL, HTML, CSS

Libraries Numpy, Pandas, Matplotlib, Seaborn, Ggplot2, Dplyr, Tidyverse, Shiny, Langchain, Selenium, NLTK, spaCy

Tools MySQL, PostgreSQL, MongoDB, Power BI, Tableau, Looker, Gephi, Snowflake, Excel, VBA

Other Skills Visual Studio Code, Git, GenAI, Statistical Analysis, Quantitative Analysis, Hypothesis Testing

WORK EXPERIENCE

Data Scientist Intern (Python, R, Gephi, Langchain, Excel)

May 2024 – August 2024

Lippe Taylor, New York City, NY

- Enhanced public profiles for **Fortune 500 companies** by measuring engagement and reputation through social listening.
- Improved **ALDI's social profile traffic by 15%, resulting in 5,000+ additional users**, by analyzing social media engagement and understanding conversation themes using Gephi.
- Transformed **operational productivity by 60%** in the workplace by integrating langchain models into analysis workflows.
- Developed **5 different dashboards using Talkwalker** to keep track of KPI's and visualize key insights for our clients.

Data Analyst Intern (Python, SQL, Power BI)

May 2023 – August 2023

Syracuse University, Syracuse, NY

- Reduced **reporting time of key metrics to 10 mins** by developing a comprehensive data model within Power BI.
- Attained improvement in **resource allocation efficiency and strategic planning** by assessing academic department performance within university, fostering real-time decision-making processes.
- Generated **increase of 500+ participants** in student engagement initiatives across various academic departments by implementing data-driven strategies derived from departmental performance analysis.
- Increased **10% student retention rates** for university events by analyzing CRM metrics and performance indicators to evaluate effectiveness of student retention efforts and identify areas for improvement.

System Engineer (Python, SQL, Tableau, Excel)

September 2020 – July 2022

Tata Consultancy Services, Mumbai, India

- Reduced **transaction latency** by configuring and implementing Linux-based server solutions for National Stock Exchange ensuring uninterrupted operations for optimal trading experiences.
- Maintained 98% Service Level Agreements while strategizing business by developing **100+ ad hoc reports for 20+ managers**.
- Achieved **28% reduction in storage costs** while maintaining high-performance access to critical information on National Stock Exchange servers, by implementing efficient data wrangling and encryption methods.
- Ensured **data confidentiality and compliance** with industry standards required for trading by adopting SQL-based security measures for data management including role-based access controls and encryption.

PROJECTS

Data Science Jobs Dashboard (SQL, Tableau) - [Project Link](#)

August 2023 – December 2023

- Developed a Tableau dashboard **analyzing the fall 2023 data science job market** by web scraping LinkedIn postings.
- Revealed that 65% of available jobs are full-time, with a **peak in postings during October**.

Predicting Energy Consumption (R, Tidyverse, Shiny) - [Project Link](#)

January 2023 – July 2023

- Engineered predictive models (**XGBoost with 94% accuracy**) to predict energy consumption patterns in North and South Carolina, aiding sustainable energy use during peak summer periods.
- Created an interactive Shiny dashboard to visualize the insights.