

SWAPNIL DEORE

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SKILLS

- SQL
- Microsoft Excel
- Python
- Power BI
- Tableau
- R
- Data Modeling
- Data Visualization
- Statistics
- Web Scraping
- Data Management
- Linux

WORK EXPERIENCE

Data Intern, Syracuse University, NY June 2023 - August 2023

- Developed **Power BI dashboard** to analyze and visualize key performance indicators for academic departments.
- Implemented data visualization techniques resulted in **15% increase** in stakeholder comprehension.
- Enhanced the efficiency of data analysis processes, enabling academic departments to make informed decisions based on **real-time data** resulting in improved strategic planning across departments, positively influencing overall academic performance.

System Engineer, Tata Consultancy Services, Mumbai, India September 2020 - June 2022

- Improved National Stock Exchange trading efficiency implementing Linux-based server solutions, resulting in **30% reduction** in transaction latency and ensuring uninterrupted operations for optimal trading experiences.
- Collaborated with a **team of 5** to solve issues such as connectivity problems with banks, missing Fixed Deposit packets between trades, traffic management across different servers and scripting for various testing environments.
- Configured use of **FIX protocol** that ensured efficiency and resulted in **80% reduction** in trade-related errors contributing to a more reliable efficient trading system, ultimately benefiting our clients.

PROJECTS

Data Analysis on Apple IOS app store October 2023

- Conducted an Exploratory Data Analysis on Apple iOS App Store consisting of **7,197 unique apps**.
- Revealed that apps with language support between **10 and 30 languages** boast an impressive average rating of **4.13 out of 5**.
- Analyzed that paid apps have higher average rating of **10.6% compared to free apps**, highlighting the potential influence of monetization on user satisfaction.
- Created an impactful **BI dashboard**, transforming raw data from the Apple iOS App Store analysis into visually compelling representations that facilitate a deeper understanding of app performance metrics.

EDUCATION

Syracuse University, School of Information Studies, Syracuse, NY August 2022 - May 2024

Master of Science in Information Systems

Relevant Coursework: Scripting for Data Analysis | Applied Database Management Systems | Introduction to Data Science | Data Analysis and Decision Making | Visual Analytics Dashboards | Natural Language Processing | Data Warehouse

University of Mumbai, Mumbai, India June 2016 - October 2020

Bachelor of Engineering in Computer Engineering

Relevant Coursework: Information Systems | Data Science | Statistics | Python | Database Management Systems | Data Mining

ACHIEVEMENTS

- Researched and published findings on association mining, showcasing **5% efficiency** improvement of the Top-K algorithm over the UP-Growth algorithm in time and memory consumption.
- Led as Vice-President for Social Wing organizing community service activities and funding education of **40 underprivileged** children in year 2020.