Lavnish Suvarna

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LinkedIn Portfolio GitHub

DATA ANALYST

❖ Data professional with 2+ years of experience across analytics, engineering, and data science, driving business growth through data-driven strategies. Skilled in transforming raw data into scalable pipelines, predictive models, and insightful dashboards. Proficient in Python, SQL, Power BI, Spark, and cloud platforms like AWS and Azure. Passionate about solving complex problems and uncovering trends to optimize performance and decision-making.

TECHNICAL SKILLS

- **Database & Datawarehouse**: MYSQL, Oracle, Mongo DB, PostgreSQL, Snowflake, GCP BigQuery, SSMS
- **BI and Visualization tools**: Tableau, Power BI, Qlik sense
- **Programming Languages**: Python, PySpark, R, Shell Scripting/Bash
- **Libraries & ETL Tools**: NumPy, Pandas, Matplotlib, Seaborn, Scikit-learn, Apache Airflow
- **Other Tools & Skills**: GIT, JIRA, OpenAI API's, Data Modeling

WORK EXPERIENCE

❖ Neeco Global ICT Services, Data Analyst (March 2024- Till Date)

- Developed **ETL pipelines** using **Python** (**Pandas**, **NumPy**) and **SQL** to extract, clean, and transform structured data from **Snowflake** and internal **data lakes**, enabling robust analysis of hardware installations and recovery workflows.
- Built and deployed dynamic **Power BI dashboards** to visualize infrastructure **KPIs**, billing cycles, and asset recovery metrics, facilitating **real-time decision-making** and stakeholder alignment.
- Applied **statistical analysis** and **time-series modeling** with **Python** (**scikit-learn**, **matplotlib**, **seaborn**) to uncover trends in maintenance data, driving **predictive insights** and service reliability improvements.
- Automated **anomaly detection** and performance monitoring through custom **Python scripts** and visualizations, leading to a **significant reduction in operational costs** and a **substantial boost in system efficiency**.
- Collaborated cross-functionally to translate analytical insights into **process enhancements**, leveraging **SQL**, **Python**, and **Power BI** to streamline workflows and accelerate **project delivery**.

❖ Econship Marine, Data Analyst (December 2023- February 2024)

- Extracted and consolidated **Remaining on Board (ROB)** data using **Oracle Database**, **SQL**, and **Python**, applying **data wrangling** with **Apache Spark** to uncover procurement trends and optimize inventory flows.
- Designed and maintained **interactive dashboards** in **Tableau** and **Qlik**, enabling real-time visibility into procurement, logistics, and inventory KPIs to support strategic planning.
- Built **automated data pipelines** using **Apache Airflow**, **Python (Pandas, NumPy)**, and **SQL**, ensuring scalable, reliable data ingestion and transformation across supply chain systems.
- Leveraged tools like **scikit-learn** and **XGBoost** to model procurement behaviour and detect high-cost patterns, contributing to a **considerable cost reduction** and a **marked improvement in operational**

efficiency.

- Collaborated with cross-functional teams to implement **data-driven workflows**, integrating **Tableau**, **Qlik**, and **enterprise DMS**, while maintaining audit-ready documentation and scalable reporting systems.

❖ LTIMindtree, Software Engineer (June 2022- July 2023)

- Maintained and supported a **business-critical manufacturing application**, ensuring high availability and performance through continuous monitoring and issue resolution.
- Developed and enhanced **web-based enterprise features** using **Java**, **Spring Boot**, and **Angular**, contributing to scalable and responsive UI/UX components.
- Collaborated with **product managers** and **stakeholders** to gather requirements and deliver technical solutions, actively participating in **Agile meetings** including **sprint planning** and **backlog refinement**.
- Followed **Scrum methodologies** and **CI/CD best practices** to ensure efficient development cycles and timely deployments using tools like **JIRA**, **Git**, and **Jenkins**.

PROJECTS

❖ Pharmaceutical Analysis View in GitHub

- This project seeks to build a model that classifies medicines into categories based on inputs like demographics and patient medical history.
- Developed a Decision Tree model using python machine learning library scikit-learn to successfully classify the medicines based on patient features, achieved 97.3% accuracy.
- Conducted feature engineering and data preprocessing to optimize model input quality, resulting in improved classification precision and reduced prediction latency.

❖ Telecom Customer Churn Analysis and Prediction View in GitHub

- This project presents a comprehensive approach to understanding and predicting customer churn in the telecom industry. It combines SQL-based ETL pipelines through SSMS, Power BI dashboards for visual analytics, and Python-based machine learning models to identify at-risk customers and provide actionable business insights.
- Developed Churn prediction model using Random Forest Classifier machine learning model, predicted churn rate by contract type, payment method, tenure, and internet service.
- The key insights, churn probability, and customer risk classification provided through this project helped the telecom company retain customers by offering better benefit plans.

EDUCATION

2018-2022 **BE, Electronics & Telecommunication Engineering**
University of Mumbai **Average CGPA: 8.58**

CERTIFICATIONS/AWARDS

- AWS Certified Cloud Practitioner
- AWS Certified Developer – Associate
- IIRS Geoprocessing Using Python Certification
- Tableau Desktop Certified Associate

Awards

- Achieved a Certification of Appreciation for demonstrating outstanding performance, exceptional service, and remarkable project delivery in April 2023 from LTIMindtree Pvt. Ltd.
- Received a Certification of Appreciation as a part of the best project team for developing an innovative project solution during training at LTIMindtree Pvt. Ltd.