

SAURABH MANE

Data Analyst | Data Scientist

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PROFILE

Detail-oriented and analytical Data Enthusiast with hands-on experience from internships in data science and data analysis. Skilled in data manipulation, statistical analysis, and data visualization. Proven ability to leverage data to drive business insights and decision-making. Proficient in key data analysis tools and techniques, with a solid understanding of sales forecasting and business intelligence. Adept at working collaboratively in fast-paced environments to achieve actionable results.

PROFESSIONAL EXPERIENCE

Data Analyst Intern, Data Lumina Mar 2024 – May 2024 | Pune, India

- Conducted extensive data collection, cleaning, and preprocessing, improving data quality and accuracy by 20%.
- Analyzed large datasets to identify trends and patterns, providing actionable insights for business decisions.
- Created detailed data visualizations using Tableau and Power BI to effectively communicate findings.
- Developed and presented comprehensive reports summarizing analytical findings to management.
- Collaborated with cross-functional teams to support data-driven decision-making.
- Utilized Excel, SQL, Python, Tableau, and Power BI for data analysis and reporting tasks.

Data Scientist Intern, INNODATATICS Aug 2023 – Jan 2024 | Hyderabad, India

- **Data Analysis & Visualization:** Analyzed datasets using Python, SQL, & Power BI; created visualizations for stakeholders.
- **Data Cleaning & Preprocessing:** Cleaned and transformed data, enhancing quality and consistency.
- **Model Development:** Developed predictive models with ML algorithms, improving predictive accuracy by 15%.
- **Collaboration & Communication:** Collaborated with cross-functional teams and presented insights to senior management.
- **Tools & Technologies:** Utilized Python, SQL, Power BI, and Git for data analysis and version control.

EDUCATION

Bachelor of Technology (B.Tech), DMCAET, Karad 2022

SKILLS

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|------------------------|-----------------------|---------------------|-------------------|
| • Python | • Pandas | • SQL | • Power BI |
| • Tableau | • Machine Learning | • Advanced Excel | • MS Office Suite |
| • Statistical Analysis | • Attention to Detail | • Critical Thinking | • Problem Solving |

PROJECTS

Blinkit Sales Analysis (Power BI Project)

- Analyzed Blinkit's sales data to identify trends and insights for improved business strategies.
- Collected and preprocessed large datasets, ensuring accuracy and integrity.
- Utilized Python, Pandas, NumPy, Matplotlib, and SQL for data manipulation and analysis.
- Identified top-selling products, peak sales periods, and purchasing patterns.
- Created dashboards and reports with Power BI for stakeholder presentations.
- Provided actionable recommendations, contributing to optimized inventory and increased revenue.

Employee Performance Rating Prediction

Mar 2024 – May 2024

- Conducted comprehensive data analysis using diverse machine learning algorithms.
- Identified the Artificial Neural Network (ANN) model as the superior performer.
- Achieved 95% accuracy in forecasting employee performance through machine learning models.
- Developed a user-friendly Streamlit application for seamless interaction with predictive analytics.
- Deployed the application on the Streamlit web server for real-time performance insights and accessibility.

Object Detection Using YOLOv8 Model

Nov 2023 – Jan 2024

- Achieved a 20% enhancement in cracked egg detection accuracy.
- Leveraged a Roboflow-annotated dataset and YOLOv8 for improved precision.
- Implemented a robust preprocessing pipeline for efficient data preparation.
- Integrated YOLOv8 for recognition in the egg quality control system.
- Deployed a user-centric Streamlit app, resulting in a 30% increase in user satisfaction.
- Aimed at advancing egg quality control through YOLOv8-based cracked egg detection.

Optimization in Supply Chain Management

Aug 2023 – Oct 2023

- Implemented advanced LSTM models for demand forecasting.
- Achieved a significant 20% improvement in forecasting accuracy.
- Utilized historical data and analyzed order patterns for enhanced predictions.
- Optimized inventory management practices.
- Achieved a 25% decrease in stockouts by considering various influencing factors.
- Achieved a 25% reduction in lead times, enhancing overall operational efficiency.

CERTIFICATES

• Data Science using Python Programming

360DigiTMG, India

• Data Analytics Essentials

CISCO

• Project Management

Great Learning

• Python 101 for Data Science Certification

IBM

• Data Visualization using Power Bi

360DigiTMG, India

• Excel Skills Job Simulation

JPMorgan Chase & Co.