Subham Srivastava

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Varanasi, Uttar Pradesh, India

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CERTIFICATES

- Executive PG Programme in Machine Learning & AI - IIITB
- Certified Applied Machine Learning Engineer - Scaler

SKILLS

- Python (Numpy, Pandas, Scikit-Learn, Keras, PyTorch), Time Series Forecasting, OCR, Computer Vision, NLP, Azure, SQL, MySQL, GIT, Microsoft Power Platform & Robotic Process Automation

EDUCATION

BE- Computer Science
Anna University
2013 – 2017

AWARDS

Braveheart - 2022
Becton Dickinson

BEST CASE STUDY AWARD - 2021
Tata Consultancy Services

STAR TEAM AWARD - 2020
Tata Consultancy Services

PROFESSIONAL EXPERIENCE

Becton Dickinson
Senior Executive, Supply Chain and Operations Analytics
10/2021 – present | Gurugram, India

- Led development of end-to-end AI-powered invoice processing, leveraging NLP, OCR, and RPA technologies, resulting in 5000+ man-hours saved and a 90% improvement in efficiency.
- Collaboratively developed a highly accurate multivariate demand forecasting model with BCG, utilizing tree-based ensemble models, feature engineering, and hyperparameter tuning. Achieved 80-85% forecast accuracy, resulting in reduced inventory levels, minimized backorders, and enhanced production planning efficiency.
- Designed and implemented a forecasting algorithm for sterilization chamber capacity across 30 manufacturing sites, utilizing time series analysis techniques, ARIMA, and SARIMA models, resulting in a significant 40% improvement in Overall Equipment Efficiency (OEE).
- Offered guidance and mentorship to a team of three data science professionals and an intern.

Tata Consultancy Services
System Engineer
01/2019 – 10/2021 | Banglore, India

- Designed and implemented an integrated raw material demand forecasting model with a Business Intelligence (BI) dashboard. Employed data analysis techniques and advanced machine learning algorithms (Random Forest and Gradient Boosting), enhancing planning efficiency and reducing errors in raw material demand projections by 20%.
- Led a cross-functional team in implementing an end-to-end user account management automation solution, leveraging UiPath (RPA tool) and data analysis techniques to improve efficiency. Achieved a significant 60% increase in operational efficiency by eliminating manual tasks, reducing processing time, and optimizing user account management processes.
- Streamlined operations by extracting data from seven disparate sources, leading to increased agility and accuracy, through the implementation of a centralized system as part of a digitalization initiative.

AQM Technologies
Analyst
12/2017 – 01/2019 | Mumbai, India

- Identified process improvements through client data analysis, resulting in a 25% reduction in profit loss.
- Explored and analyzed diverse datasets, applying various preprocessing and exploratory data analysis (EDA) techniques.