



Result-oriented Data Science professional leveraging expertise in AI, Machine Learning, and Data Analysis to drive impactful solutions in an organization of high repute for mutual growth.

CONTACT

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EDUCATION

- 2023 – Present
Executive PG Program, Data Science
IIIT Bangalore
- 2013 - 2017
BE- Computer Science
Anna University

CORE COMPETENCIES

Data Science	<div></div>
Requirement Gathering	<div></div>
Data Modelling	<div></div>
Technical Documentation	<div></div>
Statistics & Mathematics	<div></div>
Operational Efficiency	<div></div>
Project Management	<div></div>

TECHINCAL SKILLS

Python (Numpy, Pandas, Scikit-Learn, TensorFlow)
Time Series Forecasting, OCR, Azure, SQL, MySQL
GIT, Power BI & Robotic Process Automation
Machine Learning Models - Classification, Regression & Clustering

SOFT SKILLS

Problem-solving	<div></div>
Analytical	<div></div>
Interpersonal Skills	<div></div>
Communication	<div></div>

PERSONAL DETAILS

Address	Gurugram, India
Date of Birth	2 nd June 1995
Languages Known	English & Hindi

SUBHAM SRIVASTAVA

PROFILE SUMMARY

- Data Science Professional with over 5 years of experience in Data Science & Advance Analytics; skilled in Python & Generative AI technologies.
- Developed a basic understanding of risk analytics in banking and financial services and understand how data is used to minimize the risk of losing money while lending to customers.
- Attained an 80-85% accuracy in forecasting, leading to decreased inventory levels, fewer backorders, and improved efficiency in supply chain & operation.
- Proven ability to autonomously lead and deliver diverse machine learning projects, with a deep understanding of AI/ML lifecycle, encompassing project initiation, evaluation metrics implementation, and effective go-live support.

PROFESSIONAL EXPERIENCE

Data Scientist, Supply Chain and Operations Oct'21- Present
Becton Dickinson, Gurugram, India

Key Result Areas:

- Collaborating in the development of a highly precise multivariate demand forecasting regression model with python, employing tree-based ensemble models (XGBoost, LightGBM), performing feature engineering, data cleansing and hyperparameter tuning on azure databricks, this effort yielded an 80-85% forecast accuracy, leading to reduced inventory levels and effective planning.
- Spearheading the development of an end-to-end AI-powered invoice processing system, integrating Natural Language Processing (NLP), Optical Character Recognition (OCR), and Robotic Process Automation (RPA) technologies using AI/ML frameworks (Scikit-Learn, TensorFlow), Advanced analytics technique, AutoML & Azure services, resulted in over 5000 man-hours saved and a remarkable 90% improvement in efficiency.
- Designed and implemented a lending club case study to optimize financial decision making and credit risk assessment. Conducted comprehensive EDA, developed predictive machine learning model using python (PyTorch),Generative AI & utilized Azure services like Databricks, Open AI etc.
- Providing guidance and mentorship to a team consisting of three data science professionals, fostering skill development, and enhancing project outcomes.
- Analyzing and processing complex structured and unstructured data sets using advanced analytics & SQL query, data mining, LLM, statistics, and visualization.
- Interacting with stakeholders to gather requirements, documenting business processes, conducting hypothesis testing, demonstrating proficiency in A/B testing methodologies, and utilizing Power BI for data visualization.

System Engineer | Tata Consultancy Services Jan'19- Oct'21

Key Result Areas:

- Spearheaded the design and implementation of an integrated time series raw material demand forecasting model using Python, MLOps & BI dashboard.
- Leveraged data analysis techniques and advanced machine learning algorithms, such as Random Forest and Gradient Boosting, resulting in a 20% reduction in errors in projections while enhancing planning efficiency.
- Led a cross-functional team in deploying an end-to-end user account management automation solution, utilizing Rest API, UiPath (RPA tool) and data analysis techniques to enhance efficiency. This initiative led to a notable 60% increase in operational efficiency by automating manual tasks, reducing processing time, and optimizing user account management processes.
- Streamlined operations by consolidating data from seven disparate sources, fostering increased agility and accuracy. This was achieved through the implementation of a centralized system as part of a broader digitalization initiative.

Intern | AQM Technologies Jan'18- Oct'18

Key Result Areas:

- Implemented process enhancements based on client data analysis, resulting in a 25% reduction in profit loss.

AWARDS

- Honored with the Braveheart – 2022 from Becton Dickinson.
- Received the Star Team Award – 2021 from Tata Consultancy Services.

CERTIFICATION

- Certified GenAI (LLM) specialist from Google.
- Certified Applied Machine Learning Engineer from Scaler.