



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>

## TECHINICAL 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 <sup>nd</sup> June 1995
Languages Known	English & Hindi

# SUBHAM SRIVASTAVA

## PROFILE SUMMARY

- Data Science Professional with over 5 years of experience in Data Science & Analytics; skilled in Python & 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:

- 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) & Azure services, resulted in over 5000 man-hours saved and a remarkable 90% improvement in efficiency.
- 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.
- 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, and 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 SQL query, data mining, statistics, visualization, and analytics tools.
- Documenting business requirements, preparing process related documentation, performing hypothesis testing, A/B testing and coordinating for user acceptance testing.

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

### Key Result Areas:

- Spearheaded the design and implementation of an integrated raw material demand forecasting model using Python & Business Intelligence 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.

**Analyst | AQM Technologies** Dec'17- Jan'19

### Key Result Areas:

- Implemented process enhancements based on client data analysis, resulting in a 25% reduction in profit loss.
- Executed strategic initiatives to optimize processes and enhance overall efficiency.

## AWARDS

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

## CERTIFICATION

- Certified in Applied Machine Learning Engineer from Scaler.