# ABHIJEET SRIVASTAVA

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## CAREER OBJECTIVE

A motivated and analytical graduate with a passion for transforming raw data into actionable insights, aiming to leverage academic knowledge and quantitative skills in data management and decision-making. Seeks a challenging role within a dynamic corporate world to contribute effectively to strategic initiatives and drive data-informed solutions.

## EDUCATION

**Doon Business School Global University,** Dehradun, UK
*Bachelor of Computer Applications; 73%*                                                                                   *2022 – 2025*
**Rani Laxmi Bai Memorial School**, Lucknow, UP
*Senior Higher Secondary; 76.4%*                                                                                              *2021 – 2022*
**Rani Laxmi Bai Memorial School,** Lucknow, UP
*Higher Secondary; 86.4%*                                                                                                        *2019 – 2020*

## SKILL SET SUMMARY

**Technical Skills: Programming Skills:** Python, C, C++, SQL, HTML, CSS | **Database Management:** MySQL, SQL Server
**Software & Tools:** Power BI, Excel, Cisco Packet Tracer, Tableau, Looker Studio
**Data Analysis Tools & Libraries:** Pandas, NumPy, Matplotlib, Seaborn, SciPy, Scikit-learn
**Development Tools:** VS Code, Jupyter, Cursor, PyCharm, Google Colab.
**Version Control:** Git, GitHub | **Machine Learning Frameworks:** TensorFlow, Keras

## INTERNSHIPS

**Data Analyst Intern** | *Newton School, Bangalore*                                                          *June 2025 – Present*
- Assisted in building data pipelines for automating data collection and integration processes.
- Cleaned and processed large datasets for analysis and reporting, ensuring data accuracy and consistency.
- Worked with Looker Studio to develop and maintain interactive dashboards for data visualization and reporting.
- Utilized JIRA for task management and tracking project progress in an agile environment.

**Data Science Intern** | *Encryptix, Remote*                                                               *June 2024 – July 2024*
- Developed and deployed predictive models for fraud detection and movie ratings, achieving 90%+ accuracy.
- Worked on data cleaning, feature engineering, and model evaluation for improved performance.
- Conducted exploratory data analysis (EDA) and presented insights through visualizations to non-technical stakeholders.

**Data Science Intern** | *Cipher Byte Technologies, Remote*                                        *July 2024 – August 2024*
- Enhanced machine learning model accuracy by 85% through hyperparameter tuning and advanced feature selection.
- Created real-time data visualizations using Power BI to communicate findings to the team.
- Automated data pipelines for daily updates and integration with cloud platforms.

**Data Science Intern** | *Bharat Intern, Remote*                                               *August 2024 – September 2024*
- Developed data intelligence frameworks for analysing customer behaviour and predicting trends.
- Built machine learning models for real-time decision-making, resulting in an extension of the internship due to performance excellence's

## PROJECTS

**AI-Powered Real-Time Scam Detection & Prevention Platform: Web Extension**
- Developed an AI-driven scam detection platform during the SAP Hackfest 2025, focusing on real-time phishing and fraud prevention across 50+ websites.
- The platform uses NLP and machine learning algorithms to identify fraudulent activity with an accuracy rate of 92%.
- The project successfully detected 10,000+ scam attempts during testing, significantly reducing user exposure to fraudulent content.
- Technologies used: Python, TensorFlow, Natural Language Processing (NLP), Machine Learning, Web Development.

**COVID-19 Data Analysis and Forecasting**
- Analysed and processed data from over 200 countries, building time-series forecasting models with ARIMA and SARIMA to predict infection rates.

- Achieved 85% prediction accuracy for 6 months ahead, assisting health organizations with future planning and resource allocation.
- Presented findings through interactive dashboards in Power BI.

**Customer Segmentation for E-Commerce**
- Implemented k-means clustering to segment customers based on purchasing behaviour and demographics.
- Conducted feature scaling and dimensionality reduction using PCA to optimize clustering results.
- Used the segments for targeted marketing strategies and improved customer retention.
- Technologies used: Python, Scikit-learn, Pandas, K-Means, PCA.

**Sales Forecasting Using Machine Learning**
- Built a sales prediction model using historical sales data, leveraging regression techniques like Linear Regression and Random Forest.
- Cleaned and preprocessed the data, engineered features, and optimized models for accuracy.
- Deployed the model for real-time sales forecasting.
- Technologies used: Python, Scikit-learn, Pandas, Matplotlib.

**Stock Market Price Prediction**
- Built a stock price prediction model using historical data of 100+ companies, utilizing Random Forest and LSTM.
- Achieved a prediction accuracy of 82% in stock price movement direction over a 30-day period, assisting investors with better decision-making. Technologies used: Python, Scikit-learn, Pandas, LSTM, Deep Learning.

**Networking in MNCs (Cisco Packet Tracer)**
- Simulated network infrastructure for MNCs, enhancing networking knowledge and Cisco tools proficiency.

## CERTIFICATIONS
- **Excel Basics for Data Analysis** (IBM) — Mastered foundational Excel skills for data manipulation and analysis.
- **Foundations: Data, Data, Everywhere** (Google) — Gained in-depth knowledge of data fundamentals.
- **Cybersecurity Tools & Cyber Attacks** (IBM) — Comprehensive understanding of cybersecurity tools and threats.
- **Databases and SQL for Data Science with Python** (IBM) — Integrated SQL skills with Python for data science applications.
- **Software Design and Project Management** — Proficient in software design and managing projects effectively.
- **Introduction to Python** (Sololearn) — Mastered Python basics for problem-solving and data handling.
- **Introduction to HTML and CSS** (Sololearn) — Proficient in HTML and CSS for web development.

## AWARDS & ACHIEVEMENTS
- **Best Startup Idea 2023** — Presented the top idea among 65 teams and 260+ participants at the college level.
- **Top 1% Rank in National Level Hackathon** — Competing against 650 teams and 2000+ students.
- **Vice President, Techies Club** — Led a team of 145 members in fostering technological innovation.
- **Hostel Captain & Mess In-charge** — Managed hostel and mess operations for 245 residents.
- **Achiever's Award** — Recognized as a Merit Holder among 120 students for outstanding academic performance.
- **Joint Secretary, Spectrum Club** — Managed events and activities for 350+ students.