

Shiv Kumar Dubey

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PROFESSIONAL SUMMARY

Analytical and results-focused **Business Analytics** specialist with a proven ability to transform complex data into strategic outcomes. Experienced in **stakeholder engagement**, business process optimization, and data visualization. Skilled in **SQL**, **Python**, and **Power BI** for KPI tracking, dashboard development, and exploratory analysis. Committed to driving measurable business impact through data-led decision-making, leveraging **Agile** and **Scrum**-based project management methodologies in cross-functional environments.

EDUCATION

- G L Bajaj institute of technology and management** Greater Noida , India
MBA in Buisness Analytics Sep 2024 -June 2026
- Sharda university** Greater Noida , India
B.Tech with specialisation in A.I and ML July 2020 -June 2024

SKILLS SUMMARY

- Analytical Statistical Techniques:** Business Intelligence, Forecasting, A/B Testing, Clustering, Time Series Analysis,
- Programming and Data Handling:** Python, R, SQL, Pandas, Shell Scripting
- Visualization and Reporting Tools:** Power BI, Excel (Advanced), Google Analytics, Oracle DB
- Project and Workflow Management:** JIRA, MS Project
- Process Systems Exposure:** Data cleaning and Preprocessing, Feature Engineering, KPI Dashboards
- Soft Skills:** Strategic Thinking, Cross-functional Collaboration, Leadership, Problem-Solving

EXPERIENCE

- TeleSys Software Private Limited,Noida** On-site
QA Engineer feb 2024 - june 2024

Achievement /Tasks

Executed test cases for **HLR** modules, increasing testing efficiency by 20 Percent . Automated 30+ test scripts and coordinated 10+ defect reports to enhance telecom system reliability. Built a shell-based automation tool to audit HLR configurations, checking **50+ IP addresses configuration** and **port** parameters.Reduced manual audit time from 4-6 days to under **10** minutes, significantly accelerating delivery timelines. Collaborated with QA engineers and developers to validate deployment readiness and minimize post-release issues by **30 percent** .

PROJECTS

- Customer Segmentation using Clustering (Data Analytics, Machine Learning):** (Completed)
Applied K-Means Clustering to categorize **customer purchase behavior** for targeted **marketing strategies**.
Developed Power BI dashboards to visualize key segments and trends.
Tools: Python, Pandas, Scikit-learn, Power BI, (JAN 2025)
- Aerial Vehicle Monintoring and Alert System (Image Preocessing , Computer vision):** (Completed)
Research Based, Hardware oriented System for detecting aerial vehicles including drones, mini choppers which are used for spying purposes
Tools: Python, TensorFlow, OpenCV, CUDA, PyTorch (April 2024)

PUBLICATIONS AND RESEARCH WORK

- Research paper: Handwritten Digit recognition using supervised Learning:** Accepted and published in January 2025 ICMCM
- Research paper : The Aerial Vehicle Monitoring and Alert Syst:** Paper has been accepted at the 5th International Conference on Data Analytics and Management (ICDAM-2024)

CERTIFICATION

- Machine Learning A-Z : I,Python/R in Data Scienc::** Certification completed on 23,2021
- Database Programing with SQL :** Certification provided by Oracle
- Window Server 2022 Administration :** Certification provided by Udemy

VOLUNTEER EXPERIENCE

- President — Business Analytics Club, G.L. Bajaj:** Founded and led the Business Analytics Club to promote applied data thinking under the theme “**Where Data Meets Decision.**” Organized ‘**The Business Brawl**’, an end-to-end analytics competition with **20+ MBA teams**. Design case problems involving real-world tasks: **data cleaning, outlier handling, feature engineering and dashboarding**. Created an evaluation rubric in 7 technical and strategic categories to ensure transparent scoring.
- Google Developer Student Clubs (GDSC) — Event Organizer:** Led coordination between technical and nontechnical teams to organize community tech events under GDSC