

Ishan Kaushik

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Summary

Final-year Electrical Engineering student with a strong background in data analytics and business intelligence, certified in Data Analytics. Skilled in SQL, Python, Power BI, and Excel with hands-on experience in EDA, predictive modeling, and data visualization across projects in e-commerce, retail, and marketing. Proficient with MySQL, PostgreSQL, and Snowflake, along with tools like Jupyter Notebook, Jira, APIs, and AI Tools. Demonstrated leadership as Secretary of Robotics Club RTU and Technical Advisor at SAC RTU. Passionate about turning data into insights that drive smart decisions.

Education

Rajasthan Technical University , Bachelor's of Technology in Electrical Engineering	Nov 2021 – June 2025
• CGPA: 8.2/10	
Atomic Energy Central School , High School	Apr 2020 – July 2021
• Percentage: 80%	

Experience

DATA SCIENCE INTERN , 1Stop.ai (E-Cell IIT Roorkee)	June 2024 – Oct 2024
• Developed SPAM SMS detection project , credit EDA project, super store sales forecast dashboard, SQL music store analysis project.	
DATA SCIENCE INTERN , Cognifyz Technologies	July 2024 – Aug 2024
• Completed a 2-month remote Data Science internship at Cognifyz Technologies, focusing on data analysis, EDA, and machine learning using Python, SQL, Excel, and MATLAB. Collaborated on real-world AI projects, enhancing skills in statistical modeling and data-driven insights.	

Projects

Spam SMS Detection:	Github
• Developed SPAM SMS Classification System using machine learning algorithms (NB, KNN, SVM) to automatically identify & filter out spam messages. Analyzed a data set of over 5,000 SMS messages.	
• Achieved Precision of 1.0 and increase the model accuracy from 95% to 97% by 3,000 words.	
Credit EDA:	Github
• Utilized libraries like Matplotlib and Seaborn to identify trends and correlations in credit data, such as heatmaps and scatter plots illustrating relationships between credit score and default risk.	
• Used Cosine Similarity, Text Vectorization, Python, Pandas, Scikit-learn, and Streamlit.	
SQL Music Store Analysis Project:	Github
• Performed data extraction, transformation, and analysis using SQL on a music store database to uncover customer behavior, sales trends, and artist popularity.	
Super Store Sales Forecast Dashboard:	Github
• Built an interactive Power BI dashboard to visualize sales performance and applied time-series forecasting to predict future sales trends for strategic decision-making.	
Credit Card Financial Dashboard:	Github
• Developed a dynamic Power BI dashboard to monitor customer spending behavior, credit utilization, and financial KPIs for actionable insights in the credit card domain	
Amarson Store Data Analysis Dashboard:	Github
• Created a data-driven dashboard to analyze product performance, customer segments, and inventory metrics, enhancing business intelligence for a retail store.	

Technologies

Programming Languages: Python, SQL

Libraries/Frameworks: NumPy, Pandas, Seaborn, Matplotlib

Tools: Jupyter Notebook, VS Code, PostgreSQL, Power BI, Git, Excel, Snowflakes, Web API, JIRA

Coursework: DSA, OOPs, OS, DBMS, ML, EDA, Data Analytics Concepts, Web Scrapping, ETL

Soft Skills: Leadership, Critical Thinking, Analytics, Teamwork, Problem solving, Communication, Stack Holder Management, Presentation Skills

Certifications

Cisco Network Academy: Introduction to Data Science

Cisco Network Academy: Data Analytics Essentials

Microsoft and LinkedIn: Career Essentials in Data Analytics

Accenture North America: Data Analytics and Visualization Job Simulation

HackerRank: Advanced SQL

Goldman Sachs: Excel Skills for Business

PWC Switzerland: Power BI Job Simulation

Quantium: Data Analytics Job Simulation

Datacom: Introduction to Cloud

Achivements

RTU-SAC: Technical Head of Student Activity Centre

Robotics Club-RTU: Club Secretary

SIH: Smart India Hackathon 2024 Finalist

RTU-Fest: Event organizer in THAR 2024 (Tech Fest RTU)

Workshop: Embedded Systems Workshop and Proteus Workshops for PCB Designing