NIKHIL S KUMAR

Entry-Level Data Analyst | Excel · SQL · Power BI · Python

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PROFILE SUMMARY

Aspiring Data Analyst with hands-on project experience in data cleaning, exploratory data analysis, dashboarding, and predictive modelling. Proficient in Excel, SQL, Power BI, Tableau, and Python; skilled at transforming raw data into actionable insights and communicating findings clearly. Seeking an entry-level data analyst role to apply analytical thinking and deliver data-driven decisions.

TECHNICAL SKILLS

Data Visualisation: Excel (Advanced), Power BI, Tableau
Analytics and Processing: SQL (MySQL), Python (Pandas, NumPy, Matplotlib, Seaborn), Azure Synapse
Machine Learning and NLP: scikit-learn, regression, classification, TF-IDF, count vectoriser, logistic regression
Databases: MySQL, SQL Server
Techniques: EDA, data cleaning, feature engineering, dashboarding, predictive modelling, hyperparameter tuning
Soft Skills: Problem solving, communication, collaboration, attention to detail, critical thinking, data storytelling

PROJECTS

Airbnb Price Prediction (Python, scikit-learn)
- Engineered features (location, room type, reviews) and trained regression models to predict listing prices.
- Executed EDA, one-hot encoding, correlation analysis, and model evaluation using RMSE, MAE, and R-squared.

Customer Churn Prediction (Python, scikit-learn)
- Built and compared classification models to identify at-risk customers.
- Applied hyperparameter tuning and feature importance analysis to improve model performance and interpretability.

KPMG Customer Segmentation (Excel)
- Cleaned and standardised customer data; calculated customer lifetime value.
- Built interactive dashboards with PivotTables to surface customer segments and purchasing trends.

IMDb Sentiment Analysis (Python, NLP)
- Preprocessed text and implemented TF-IDF with logistic regression to classify review sentiment.
- Evaluated model with standard classification metrics and visualised outcomes.

News Category Classification (Python, NLP)
- Created a text classification pipeline using count vectoriser and TF-IDF with multiple classifiers.
- Assessed results and reported category-level performance.

Walmart Sales Analysis (MySQL)

- Wrote advanced SQL queries for segmentation and anomaly detection.
- Analysed customer types, branches, and product lines to surface operational insights.

Airline Performance Dashboard (Power BI)
- Designed an interactive dashboard using Power Query and DAX to track bookings, ticket status, and passenger insights.
- Created measures and visuals to enable quick trend analysis and reporting.

PROFESSIONAL EXPERIENCE

Deloitte Data Analytics Simulation — Forage Jun 2025 – Jul 2025
- Simulated analyst role investigating fraud risk for a client.
- Cleaned business data in Excel and built a Tableau dashboard highlighting high-risk clients.

Electronics Intern — ANGC International, Gurugram Sep 2023 – Oct 2023
- Conducted feasibility and cost analysis for in-house scent diffuser production.
- Evaluated constraints in sourcing, engineering, and assembly to support decision making.

Substation Operations Intern — KSEB 66KV Substation, Thenmala Oct 2022 – Nov 2022
- Observed substation operations, grid safety procedures, and maintenance practices.

EDUCATION

B.Tech, Electrical and Electronics Engineering — Mar Baselios College of Engineering and Technology, Kerala 2024
CGPA: 6.60

Internshala Data Science Placement Guarantee Programme Jan 2025 – Jul 2025
Modules: Excel, Power BI, MySQL, Python, Machine Learning, NLP, Deep Learning

CERTIFICATIONS

- Data Management and Analysis with MS Excel — Internshala
- Data Visualisation with Power BI — Internshala
- SQL for Data Analysis and Insights — Internshala
- Python Data Preparation and Analysis — Internshala
- Data Driven Machine Learning — Internshala
- NLP Essentials: Applications to Real-World Problems — Internshala
- Deep Learning Mastery: Data-Intensive — Internshala
- Project Management for Professionals — L and T EduTech

LEADERSHIP AND ACTIVITIES

Secretary, IEEE PES Student Branch, MBCET 2022–2023
- Planned and executed technical events; secured funding; contributed to High Performing Student Branch Chapter recognition.

Core Member, Illumina — MBCET Department Fest 2024–2025
- Coordinated exhibitions, workshops, and seminars; used feedback to improve engagement.

Volunteer, IEEE International Conference on Signal Processing, Informatics, Communication and Energy Systems (IEEE SPICES) Mar 2022
- Managed attendee data and supported event logistics to ensure smooth execution.

ADDITIONAL INFORMATION

Languages: English (Professional), Malayalam (Native), Hindi (Fluent), German (Basic)
Interests: Fitness, gaming, basketball, exploring tech