

Rahul Abhishek

Data Scientist

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Professional Summary

Analytical and results-driven Data Scientist with expertise in machine learning, deep learning, and statistical modelling. Skilled in building and deploying end-to-end ML models (Transformers, CNNs, LSTMs) with proven success in ₹20M fraud detection, distributor performance improvement, and predictive analytics. Proficient in Python, R, SQL, Power BI, and Excel, with strong experience in EDA, ETL, visualization, and model deployment. Adept at bridging business and technical needs, mentoring teams, and delivering actionable insights that drive innovation.

Work Experience

Data Analyst | Syngenta | Pune

(July 2025 – Present)

- Uncovered and prevented ₹20M fraud by developing a productivity report that enabled immediate corrective actions.
- Delivered weekly distributor and retailer performance insights using Python, SQL, Power BI, and Excel, improving sales efficiency and strategic decision-making.
- Collaborated with managers to translate analytics into actionable strategies, driving higher distributor engagement and business growth.

Data Analyst & Trainer | IFDA Institute | New Delhi

(Feb 2025 – July 2025)

- Mentored 50+ learners and professionals in Python, SQL, Power BI, Advanced Excel, R, and ETL through hands-on projects, while delivering corporate training for Housr on automation using VBA, Power Query, Pivot Tables, and Power BI dashboards.
- Designed interactive dashboards and advanced SQL data models, enabling organizations to automate reporting and make faster, data-driven business decisions.

Data Science Intern | Data Smith AI Solutions Pvt. Ltd. | Pune [Certificate](#)

(Feb 2024 – Jun 2024)

- Extracted iris regions using Canny edge detection and segmentation, then developed and benchmarked deep learning models (CNN, DBN, RBM) for gender classification.
- Achieved 80% accuracy with CNN, outperforming DBN and RBM, proving the robustness of CNNs for biometric-based gender detection.

Key Projects

Image Captioning Using CNN and Transformer model

- Developed a Transformer-based image captioning model from scratch with attention mechanisms, integrating Inception V3 and VGG16 for feature extraction and performance benchmarking.
- Optimized training and fine-tuned embeddings with pre-trained LLMs, achieving 75% captioning accuracy and demonstrating scalability of vision-language models.

Education

- M.Sc. Data Science – Amity University, Gurugram | CGPA: 9.02

(Aug 2022–June 2024)

- B.E. Civil Engineering – VTU, Bengaluru | CGPA: 8.4

(Aug 2016 – May 2020)

Technical Skills

- Languages & Tools: Python, SQL, R, MySQL, Power BI, Excel, VBA, Git, Jupyter Notebook
- Frameworks & Libraries: Scikit-learn, TensorFlow, Keras, PyTorch, OpenCV, Pandas, NumPy, Matplotlib, Seaborn
- Core Competencies: Data Wrangling, EDA, ETL, Feature Engineering, Predictive Modeling, Time Series, Forecasting, Regression, classification, clustering, Random Forest, Logistic Regression, SVM etc.
- ML & AI Expertise: Transformers, CNNs, LSTMs, DBNs, RBMs, Generative AI, NLP, LLMs

Certifications

- CS50's Python Programming – Harvard University [Certificate](#) (2024)
- Statistics – Stanford University [Certificate](#) (2024)
- Mathematics for Machine Learning – Imperial College London [Certificate](#) (2024)
- Data Analysis with Python – IBM [Certificate](#) (2023)
- SQL for Data Science – IBM [Certificate](#) (2023)
- IBM Certified Professional Data Scientist – IBM [Certificate](#) (2023)