

# Bhaskar Kumar

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## Summary

Results-driven Data Scientist with expertise in AI and machine learning, delivering impactful solutions at Blenheim Chalcot. Track record of increasing customer acquisition by 23% through AI-powered solutions and reducing assessment times by 95% using Generative AI. Proficient in Python, SQL, Azure ML, and deep learning frameworks, with strong experience in building end-to-end ML pipelines and implementing LLM-based solutions.

## Experience

**Associate Data Scientist**, Blenheim Chalcot India – Mumbai, India June 2023 – present

- Led development of AI-powered Credit Coach system, driving 23% increase in customer acquisition and 31% improvement in retention rates
- Architected and deployed an enterprise-scale chatbot using OpenAI GPT API, streamlining Certinia ERP documentation access for 15+ support team members
- Developed automated data processing pipelines, reducing manual effort by 40% and improving data accuracy by 25%
- Collaborated with cross-functional teams to implement ML solutions across multiple portfolio companies
- Implemented real-time monitoring system for ML models, achieving 99.5% model availability and reducing incident response time by 60%

**Data Scientist**, Accelerate People – Mumbai, India Dec 2023 – present

- Engineered AI-assisted assessment platform for UK apprenticeship standards, reducing evaluation time from 3 days to 3 hours
- Designed and optimized Azure Data Factory ETL pipelines, ensuring 99.9% data processing reliability
- Implemented automated feedback generation system using LLMs, improving platform efficiency by 15%
- Created comprehensive A/B testing framework, leading to 33% improvement in model performance
- Developed automated data quality monitoring system, reducing data inconsistencies by 45% and improving assessment accuracy by 28%

## Education

**Indira Gandhi National Open University**, Master of Arts in Economics 2024 – present

**Lalit Narayan Mithila University**, Bachelor of Commerce (Honours) in Accounting and Finance 2020 – 2023

## Technical Skills

**Languages & Tools:** Python, SQL, R, Git, CI/CD, Flask & REST API, Power Platform (Power Automate, Power Apps)

**Cloud & Infrastructure:** Azure (Azure ML, Azure Data Factory, Azure AI Search), Docker, AWS (Lambda, S3, etc.)

**AI & Machine Learning:** PyTorch, TensorFlow, Langchain, RAG, LLM Fine-tuning, Prompt Engineering, Machine Learning, Statistical Analysis

**Data & Analytics:** PostgreSQL, MongoDB, PowerBI, Tableau, AWS QuickSight, Google Looker Studio

## Certifications

Full Stack Data Science (AlmaBetter)

The Non-Technical Skills of Effective Data Scientists (LinkedIn)

Machine Learning (Stanford Online)

Generative AI for Large Language Models (DeepLearning.AI)

## Honors Awards

Quarterly Star Performer Award 2024

Python & SQL Gold Badge (Hackerrank)