

MAINAK CHAUDHURI

Data Scientist, Data Analyst & AI ML Engineer

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SUMMARY

Charismatic Data Scientist with 3+ years of experience delivering data-driven insights using Python, TensorFlow, SQL, and Power BI. Boosted decision-making efficiency by 30% and optimized workflows by 25% through Generative AI and LLM-driven solutions that enhance scalability and business performance.

TECHNICAL SKILLS

Data Analytics	Machine Learning	Power BI	Azure Analytics Services	SAP BW / SD
Python	Deep Learning	Tensorflow	Azure Data Lake	Salesforce
SQL Server	Generative AI	Azure Fabric	Databricks	Next JS
MS Excel	LLM / RAG	Azure Data Factory	AWS Sagemaker	FAST API

PROFESSIONAL EXPERIENCE

Data & AI Engineer, Luxe Magazines India Jan 2025 - Present

- Pioneered AI/ML automation systems, elevating workflow efficiency by 15%.
- Architected predictive intelligence models, driving a 20% drop in downtime.
- Streamlined data operations, delivering a 10% reduction in overall costs.

Generative AI Engineer, Happy People AI LLP Aug 2024 - Jan 2024

- Developed and fine-tuned Generative AI models, enhancing content personalization accuracy by 20%.
- Engineered LLM-powered resume generation pipelines, reducing manual editing time by 35%.
- Optimized AI workflows and prompt frameworks, improving profile relevance scores by 25%.

Data Analyst, Deloitte USI Jan 2024 - Jul 2024

- Optimized data frameworks in ADF, driving a 12% improvement in performance efficiency.
- Led end-to-end data validation, ensuring 100% compliance with Deloitte global data standards.
- Reconciled duplicate loads, reducing system anomalies and errors by 15%.

EDUCATION

B.Tech in Computer Science Engineer, SRM University

Jun 2019 - May 2023

PROJECTS

- ResearcherX:** News, Blog & Article content researcher and metadata analyser with pipeline automations.
- SEO Friendly:** AI-driven SEO auditor & page semantics analyser with suggestive edits under 30 seconds.
- MATSYA:** Unified data orchestration platform powered by Agentic AI, transforming business in 2 minutes.
- Archimedes:** AI database designer, ER generator, SQL script fabricator and auditor optimized for fintech.

CERTIFICATIONS & RECOGNITIONS

- Certifications:** Microsoft Certified Azure Data Engineer (PD203), Oracle Certified AI ML Engineer, HackerRank Certified SQL Developer, Microsoft Certified Azure Fabric Analyst (DP-700).
- Awards/Activities:** Public Favourite App (Streamlit), Top 1% Octocat Developer (GitHub).