



Sachin Sirohi

AI Transformation Manager

PROFESSIONAL SUMMARY

AI Transformation Manager at Samsung with 12+ years of experience across data science, analytics and applied AI. Leads enterprise AI adoption across the MENA region: Agentic AI process automation, secure in-house LLM deployment, RAG pipelines and intelligent workflow automation. Track record of shipping measurable results at Samsung, Chalhoub Group, Rakuten, EY and Accenture.

EXPERIENCE

AI Transformation Manager

2025 - Present

Samsung Electronics (Samsung Gulf) | Dubai, UAE

- Lead the AI transformation agenda for the Mobile and Experience business across the MENA region, taking automation initiatives from concept to production.
- Spearhead automation of manual processes using Agentic AI, improving operational efficiency across regional teams.
- Enable adoption of secure, in-house LLMs across MENA, delivering enterprise-grade generative AI with full data security and compliance.
- Built intelligent document extraction systems with RAG and Python, cutting manual data processing time across business functions.
- Developed custom LLM applications integrated through N8N workflows, SQL and the Model Context Protocol (MCP).
- Architected end-to-end solutions combining generative AI with agentic frameworks to automate complex workflows and sharpen decision making.

CONTACT

LOCATION

Dubai, United Arab Emirates

EMAIL

mail@sachinsirohi.com

WEBSITE

sachinsirohi.com

LINKEDIN

linkedin.com/in/sachinsirohi

GITHUB

github.com/SachinSirohi

SKILLS

AI and Generative AI

Agentic AI

RAG Pipelines

LLM Hosting

Model Context Protocol

N8N

Prompt Engineering

Data Science and ML

Python

SQL

Machine Learning

Predictive Modeling

Spark

Hadoop

BI and Visualisation

Power BI

Tableau

Looker

Alteryx

Teradata

Cloud

Google Cloud

BigQuery

Microsoft Azure

Vertex AI

Data and Analytics Manager

2022 - 2025

Chalhoub Group | Dubai, UAE

- Led development of a Python and BigQuery based machine learning system that cut stock outages by 20 percent and lifted inventory turnover by 15 percent across retail stores.
- Engineered predictive models on Google Cloud to forecast annual store shipments and stock levels, improving supply chain efficiency.

Lead Data Science Engineer

2021 - 2022

Rakuten | Tokyo, Japan

- Developed Python, Hadoop and Spark models for cross-sell targeting and fraud detection, strengthening ecosystem integrity and sales performance.
- Analysed subscriber growth with Tableau and Teradata following the Rakuten Mobile launch, informing strategic decisions.

Senior Data Science and Azure Consultant

2018 - 2021

EY | India

- Led analytics for Mondelez retail promotions, integrating data with Alteryx and presenting insights through Tableau dashboards that improved promotional incentives.
- Designed IT cost estimation and system failure prediction models, improving maintenance efficiency and server monitoring.

Data Analyst

2015 - 2018

Accenture | India

- Built a recommendation engine for early contract renewals, lifting customer retention within the Renewable Acceleration Program.
- Developed an intelligent chatbot and online platform for the L2 support team, streamlining ticket resolution through predictive analytics.

EDUCATION

MS in Financial Engineering

WorldQuant University
2024 - 2026 (in progress)

B.Tech in Information Technology

Vidya College of Engineering
2010 - 2014

CERTIFICATIONS

Microsoft Certified: Azure AI
Engineer Associate (2020)

EY Analytics certifications: Data
Science and Visualisation

LANGUAGES

English, Hindi

ADDITIONAL

- Writes on enterprise AI at sachinsirohi.com (Agentic AI, secure LLMs, AI transformation)
- YouTube channel and podcast on AI and personal finance