

Neha Koppikar

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About: AI-driven data professional with 4+ years of experience in building scalable pipelines, dashboards, and automation across industries. Passionate about applying ML and NLP in Python to create real-world impact—published in GCP blogs and academic conferences. Karate black belt and volunteer instructor, blending discipline with mentorship. Currently a Data Engineer at KPMG, exploring hybrid roles at the intersection of DE and AI. Core Competencies: Python, SQL, Azure, GCP, Tableau, Power BI, Machine Learning, NLP, Data Engineering

Certifications

- Microsoft: [Microsoft Certified: Fabric Data Engineer Associate \(DP-700\)](#), [Microsoft Certified: Fabric Analytics Engineer Associate \(DP-600\)](#), [Microsoft Certified: Azure Data Fundamentals \(DP-900\)](#), [Microsoft Certified: Azure AI Fundamentals \(AI-900\)](#),
- GCP: [Associate Cloud Engineer](#)
- AI: [Deep Learning Specialization](#), [AI Agents Fundamentals](#)

Work Experience

KPMG — *Associate Consultant (Data Engineer) | Multiple*
Feb 2024 – Present

- Developed a Python-based audit tool that validated public health KPIs, saving 80+ hours/month in manual verification.
- Engineered 35+ SQL stored procedures for business logic automation across supply chain reporting at Kenvue.
- Designed and deployed Tableau dashboards for national health observatories to centralize real-time health metrics.
- Led an internal AI Email Assistant project leveraging LLM agents, RAG, and Streamlit to streamline influencer outreach
- Tools: Python, SQL, Tableau, Power BI

Northern Trust — *Analyst, Full Stack Engineer (Data Engineer) | Chicago, IL, USA*
Aug 2022 – Sep 2023

- Migrated critical data assets from on-prem SQL Server to Azure SQL MI using ADF, reducing infrastructure overhead.
- Automated monthly and ad hoc reports using Incorta and Grafana, improving delivery speed by ~20%.
- Mapped complex data flows using Collibra, reducing audit preparation time by 30% and ensuring data compliance.
- Tools: Azure, Collibra, DataStage, Control-M, Python, SQL

Quantiphi Analytics — *Business Analyst | Mumbai, MH, India*
Apr 2021 – Mar 2022

- Supported Doc AI workflows for U.S. health insurers; collaborated on CV + chatbot prototypes.
- Built multilingual NLP demos (BLEU-evaluated) for internal sales enablement
- Tools: Python (Transformers), GCP, Dialogflow

Jio Creative Labs — *Data Science Intern | Mumbai, MH, India*
Apr 2020 – Nov 2020

- Built a web-based analytics dashboard to support client servicing, reducing manual reporting by 10+ hours/week.
- Automated social media data scraping and network graph generation for audience insight reporting.
- Tools: Python (Dash, Networkx, Tensorflow), Tableau,

Publications & Conferences

- Speaker @ IPPN 2024, represented KPMG for “Unsupervised NLP for Policy Research Process”
- Author, Expat Tax Navigator, Kaggle GenAI Intensive Capstone 2025 ([Kaggle Notebook Link](#))
- Smart Monitoring System for Housing Societies based on Deep Learning and IoT ([Link](#))
- vRecruit: An Automated Smart Recruitment Webapp using Machine Learning ([Link](#))
- Medium Blogs Published in Google Cloud Community Publication ([Link](#))

Education

B.Tech, Data Science — NMIMS, Mumbai