

Yogendra Raghuvanshi

PROGRAM MANAGER

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[in Yogendra Raghuvanshi](#)

Accomplished AI and Data Transformation professional with 13+ years of experience delivering enterprise-scale technology solutions, seeking senior leadership opportunities to lead digital transformation, build high-performing teams, and accelerate business growth through AI, analytics, and emerging technologies.



PROFILE SUMMARY

- Results-driven **AI/ML and Data Engineering professional** with expertise in leading end-to-end AI transformation initiatives, delivering scalable enterprise solutions, and driving data-driven business outcomes across complex environments.
- Proven track record of managing the complete **AI/ML project lifecycle** from strategy, solution design, and development to deployment, governance, and business adoption while ensuring alignment with organizational goals and ROI objectives.
- Strong expertise in **Generative AI, Agentic AI workflows, LangChain/LangGraph frameworks, synthetic data generation, real-time analytics**, and enterprise-grade data engineering solutions using **Python, SQLMesh, and StarRocks**.
- Experienced in designing **intelligent automation and AI-powered platforms** that enhance operational efficiency, optimize costs, improve decision-making, and accelerate **digital transformation initiatives**.
- Adept at leading **cross-functional teams**, collaborating with stakeholders, and translating complex business challenges into scalable, high-impact AI and analytics solutions.
- LEAN-certified Professional** with strong knowledge of Responsible AI, data quality and observability frameworks, real-time streaming, IoT analytics, and enterprise data modernization strategies.



CORE COMPETENCIES

Data Engineering

AI Governance

AI/ML Leadership

Program & Risk Management

Agile & LEAN Methodologies

Customer Relationship Management

AI Project Management

Data Warehousing

Stakeholder Management



SOFT SKILLS



EDUCATION

- MBA in Data Science & Business Analytics** | D Y Patil University, Pune | 2024 – 2026
- B.E. in Electronics & Communication Engineering** | Rajiv Gandhi Technical University, Bhopal | 2008 – 2012



CERTIFICATIONS

- Data Landscape of GenAI for Project Managers Certificate
- Generative AI Overview for Project Managers Certificate
- The Basics of Scrum Certificate



CAREER TIMELINE



WORK EXPERIENCE

Sep 2021-Present: Modern Data Private Limited, Indore

Growth Path:

Data Analytics Lead

Sep'21-Oct'23

Program Manager

Sep'23-Present

Program Manager

- ❖ Spearheaded AI risk governance initiatives leveraging interpretability frameworks and automated monitoring mechanisms, strengthening Responsible AI compliance and reducing operational risks by **30%**.
- ❖ Led cross-functional AI and Data teams of **15+** members across model development, deployment, MLOps, and enterprise AI delivery, improving execution efficiency by **40%**.
- ❖ Drove Agile program governance, delivery tracking, and stakeholder communication, achieved **95%** on-time project delivery and enhanced stakeholder visibility through KPI-driven dashboards.
- ❖ Managed program budgets exceeding **\$300K**, optimized resource allocation, vendor management, and operational planning to achieve **15%** cost optimization.
- ❖ Implemented workflow automation using Python, SQL, and data pipelines, reducing manual effort by **25%** while aligning execution with enterprise AI transformation objectives.
- ❖ Led cross-functional teams across technology, operations, delivery, and client management functions to drive successful project execution.
- ❖ Defined project roadmaps, resource planning, risk mitigation strategies, and governance frameworks for smooth program delivery.
- ❖ Coordinated with clients, stakeholders, vendors, and leadership teams to manage expectations, priorities, and delivery milestones.
- ❖ Monitored project budgets, KPIs, SLAs, and performance metrics to ensure operational efficiency and business continuity.
- ❖ Drove process improvement, automation, and digital transformation initiatives to optimize productivity and reduce operational bottlenecks.

Data Analytics Lead

- ❖ Architected and deployed predictive analytics solutions using Python, SQL, and advanced feature engineering techniques, improving operational efficiency and enabling data-driven business decisions.
- ❖ Led development of AI-powered data quality and observability platforms featuring anomaly detection, automated alerts, and governance controls to improve data reliability and compliance standards.

Aug 2018-Aug 2021: Capgemini Invent (Microsoft Finance Team), Gurugram as Consultant

- ❖ Developed 20+ interactive Microsoft Power BI dashboards with embedded analytics and actionable insights, enhanced business decision-making efficiency by 15%.
- ❖ Automated nearly 60% of internal audit processes using Python-based utilities and SQL-driven validation frameworks, improved accuracy and operational efficiency.

Mar 2018-Jul 2018: BirdEye, Gurugram as Senior Reporting Analyst

- ❖ Developed customer interaction analytics models to identify engagement patterns and optimize outreach strategies, contributed to 18% improvement in conversion rates.

Dec 2014-Feb 2018: Capgemini Invent (Formerly LiquidHub), Gurugram as Senior Data Analyst

- ❖ Led enterprise data automation initiatives across five departments, improved reporting efficiency and operational productivity by 25%.

Jan 2013-Oct 2014: GlobalLogic, Gurugram as Data Analyst



PROJECTS EXECUTED

- ❖ Developed an AI-powered SQL Agent using LangGraph and OpenAI models for automated SQL query generation and workflow orchestration.
- ❖ Designed a GenAI feedback and retraining framework to continuously improve SQL generation accuracy and response quality.
- ❖ Built IoT streaming analytics solutions using NATS, SQLMesh, and RisingWave for real-time device monitoring and failure detection.
- ❖ Engineered scalable ETL and analytics platforms leveraging StarRocks, Apache Spark, and MinIO for high-volume data processing.
- ❖ Developed an AI-driven Next Best Action application to generate intelligent sales recommendations with integrated feedback capture mechanisms.
- ❖ Developed a Visual Studio Code extension for SQLMesh enabling direct execution and visualization of fetchdf commands within development workflows.
- ❖ Designed a composable synthetic data generation engine using metadata models, ERDs, and profiling rules to support QA automation, testing, and LLM training datasets.
- ❖ Built a high-performance analytics platform using Polars for real-time querying and processing of larger-than-memory datasets.
- ❖ Engineered a custom StarRocks FE+CN benchmarking framework on Google Cloud Platform and Oracle Cloud Infrastructure using Terraform and JMeter for TB-scale performance testing.
- ❖ Developed an AI-powered data assistant for Oracle Unifier using React and OpenAI models to translate natural language prompts into Oracle SQL queries for construction project analytics.

PERSONAL DETAILS

Languages Known:

Location: