

Shreysth Kumar Goyal

AI Analyst | AI Solutions & Integration | Data & Automation
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Profiles

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Summary

AI Analyst with a background in data analytics and machine learning, evolving into **AI solution development and integration**. Builds practical systems using **Python, SQL, REST APIs, LLMs, and automation** to translate business requirements into actionable insights and reliable AI workflows.

Experience

NIVA BUPA HEALTH INSURANCE CO. LTD.

Noida

Data Analyst & MIS Executive-Cross Sell

July 2025 - Present

- Automated recurring **analytics and MIS workflows** using **SQL, Python, Power BI, and Tableau**, reducing manual reporting effort.
- Engineered data pipelines and reporting workflows supporting a **₹48 Cr annual cross-sell target**; the business delivered **3× target during tenure**.
- Maintained **≥92% data accuracy** across insurance datasets through data validation, transformation, and quality checks.
- Built automated **KPI dashboards** for cross-sell performance, retention, and operational tracking.
- Applied **SQL-based analysis and predictive techniques** to identify trends and performance drivers.
- Collaborated with stakeholders to translate requirements into **scalable reporting and analytics solutions**.

Projects

OrchestAgent — AI Agent Orchestration

- Built **1 centralized controller** routing tasks across **3 agent workflows**: coding, browser, and general.
- Integrated **1 local LLM (Llama 3.1 8B)** with Browser Use for automated web execution.
- Added **2 execution limits** — max **4 steps** and **2 failures** — plus policy checks and benchmark tests.

DataPulse — Automated Data Intelligence Pipeline

- Built **1 end-to-end pipeline** covering ingestion, validation, transformation, analytics, reporting, and dashboard delivery.
- Automated **7 core KPI/analytics outputs** including event volume, magnitude statistics, regional activity, and anomaly status.
- Implemented **6+ automated test areas** across ingestion, validation, transformation, analytics, anomaly detection, and database operations.

ChurnVision — Customer Churn Prediction

- Benchmarked **8+ classification approaches**, including Logistic Regression, Decision Tree, KNN, SVM, ensemble models, and neural networks.
- Applied **3+ feature-analysis techniques** including scaling, PCA, and VIF-based multicollinearity analysis.
- Evaluated models using **6+ metrics/diagnostics**, including Precision, Recall, F1, ROC-AUC, and confusion matrices.

Skills

 AI & AI Systems	 Data & Analytics	 ML	 Integration & Automation	 Development & Delivery
LLMs, AI Agents, Agent Orchestration, AI Evaluation, Local LLMs	Python, SQL, Pandas, NumPy, Power BI, DAX, Statistical Analysis	Scikit-learn, XGBoost, TensorFlow, Feature Engineering, Model Evaluation	REST APIs, API Integration, Browser Automation, Streamlit	Git, GitHub Actions, Automated Testing, CI/CD, SQLite

Education

Chandigarh University	Bachelor of Engineering (B.E.)
Computer Science	Punjab, India • 2023 – 2026
Raja Balwant Singh Polytechnic College	Diploma
Electronics & Communication Engineering	Agra, India • 2020 – 2023

Certifications

Foundation of Cloud IoT Edge ML · Cloud Computing by NPTEL	Internet of Things: Design Concepts and Use Cases by SWAYAM	Databases & Python by Coursera & LinkedIn
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