



SAGAR KUMAR

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SKILL SUMMARY

- **Analytics & Reporting:** Power BI, Tableau, Excel (Advanced), DAX, SQL, Python, R
- **Data Management:** ETL, Data Wrangling, Power Query, Data Governance, Audits
- **Automation & Tools:** Power Automate, Google Scripts, Anaconda, Jupyter Notebook
- **ML & Modeling:** Scikit-learn, Logistic Regression, Decision Trees, Random Forest
- **Soft Skills:** Analytical Thinking, Cross-Functional Collaboration, Clear Communication

WORK EXPERIENCE

Data Analyst, Aditi Organic Certifications PVT LTD

Mar 2024 - Present

- Developed automated data pipelines and interactive dashboards using Power BI to support decision-making and monitor departmental KPIs.
- Collaborated with senior management and operational managers to understand reporting needs and design data flows for activity tracking.
- Extracted and analyzed complex data from internal and external sources for scheduled and ad hoc reporting.
- Conducted data quality audits, ensured GDPR compliance, and maintained data integrity across systems.
- Acted as data gatekeeper, managing version control and ensuring system compatibility in collaboration with external IT teams.
- Integrated email automation using Power Automate, reducing manual reporting efforts by 6 hours weekly.
- Leveraged Anaconda and Python (Pandas, Scikit-learn) for building predictive models and exploratory data analysis.
- Implemented Row-Level Security (RLS), scheduled automated refreshes, and optimized Power BI reports for better performance.

PROJECTS

Sales Performance Analysis Dashboard

- Created an interactive Power BI/Tableau dashboard to analyze sales trends and optimize marketing strategies.
- Designed advanced DAX measures to compare month-over-month revenue growth and identify trends.
- Integrated SQL-based ETL processes to automate data fetching and enhance reporting accuracy.

HR Analytics: Employee Attrition Analysis

- Used SQL & Excel to identify key attrition factors and recommend HR retention strategies.
- Conducted predictive modeling using Python (Logistic Regression, Decision Trees) to assess employee churn risk.
- Provided data-driven insights to HR teams, improving employee retention by 15%.

Customer Churn Prediction

- Applied machine learning models (Logistic Regression, Random Forest) to predict customer churn.
- Implemented feature engineering techniques to improve model accuracy by 20%.
- Created an automated reporting dashboard to monitor churn trends in real time.

E-commerce Product Recommendation System

- Developed a collaborative filtering-based recommendation engine using Python.
- Optimized recommendation algorithms to increase user engagement by 12%.
- Deployed the model as an interactive web application using Flask and Streamlit.

Real-time Data Pipeline for Business Intelligence

- Automated data extraction and reporting using SQL, Python, and Power BI.
- Improved data processing time by 30% through efficient ETL pipelines.
- Developed an end-to-end dashboard for real-time insights, improving business decision-making.

CERTIFICATIONS

- 🏆 Data Science Certification – FastLane Career (Sept 2023 - Dec 2023)
- 🏆 Python for Data Science & Machine Learning – Skill Sequel (2023)
- 🏆 Microsoft Excel (Beginner to Advanced) – April 2023
- 🏆 Microsoft Power BI – Complete Masterclass
- 🏆 SQL Certification Course
- 🏆 Introduction to Data Analytics – IBM
- 🏆 Basics of Clinical Data Management

EDUCATION

AN College

Bachelors of Science Biotechnology

Bihar, India

September 2018- December 2021