

Rohan Goyal

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SUMMARY :

Detail-oriented Data Analyst with over 3 years of experience leveraging data to drive informed business decisions and optimize operational processes. Proficient in SQL, Python, R, and ETL processes, with expertise in writing efficient queries, maintaining data integrity, and developing interactive dashboards to enhance decision-making. Adept at collaborating with cross-functional teams to align data-driven strategies with organizational objectives, ensuring seamless communication and stakeholder engagement. With a keen eye for detail and a proactive mindset, specializes in transforming complex datasets into actionable insights through innovative problem-solving techniques, committed to improving analytical processes and fostering continuous improvement.

SKILLS :

Methodologies: Agile, Scrum

Programming Languages: Python, SQL, R, Core Java, HTML, CSS, (React, NodeJS)

Data Analytics Tools & Techniques: Data Cleaning, Data Transformation, Data Visualization, Data Pipelines, ETL Processes, Data Warehousing, A/B Testing, Hypothesis Testing

Libraries & Packages: NumPy, Pandas, Matplotlib, Seaborn, SciPy, Scikit-Learn

Data Visualization Tools: Tableau, Power BI, Advanced Excel (Pivot Tables, VLOOKUP, Data Analysis)

Databases: MySQL, PostgreSQL, MongoDB, DB2, Oracle

Machine Learning Concepts: Linear Regression, Logistic Regression, Random Forest, K-Means Clustering, XG Boost, KNN

Cloud Platforms: GCP(Big Query)

Version Control & Other Tools: Git, GitHub, GitLab, Talend API Tester

PROFESSIONAL EXPERIENCE :

Data Analyst

Apr 2024 - Present

Perficient Placements

- Utilize statistical methods and data analysis to identify trends, patterns, and anomalies, improving business metrics accuracy by 20%. Leverage big data, cloud-based technologies, and visualization tools to convert raw data into actionable insights, boosting strategic decision-making efficiency by 30%.
- Develop 10+ clear, insightful reports and interactive dashboards monthly, simplifying complex datasets for stakeholders. Customize presentations for both technical and non-technical audiences, increasing data-driven decision adoption by 25%.
- Design, optimize, and refine 100+ SQL queries for efficient data extraction, manipulation, and analysis. Enhance query performance by 40%, ensuring seamless processing of large datasets and improving overall data integration and management.
- Automate and enhance ETL workflows, reducing manual processing time by 50%. Utilize AWS and Azure for scalable data solutions while staying updated on emerging trends in automation and big data processing, ensuring high-performance pipelines that enable real-time decision-making.

Data Analyst

Jan 2023 - Mar 2024

Magna Infotech

- Executed data collection, cleaning, and preprocessing across 5+ data sources, ensuring 98% data accuracy, consistency, and integrity.
- Implemented quality assurance processes, enhancing data reliability for analysis and reporting by 30%.
- Performed exploratory data analysis (EDA) using Python (Pandas, NumPy, Matplotlib, Seaborn) and SQL, identifying 15+ key trends and patterns that informed strategic decisions. Applied mathematical and statistical techniques to enhance predictive modeling accuracy by 20%.
- Developed 10+ interactive dashboards and reports in Tableau, improving stakeholder decision-making efficiency by 25%. Optimized visualization processes, reducing dashboard load times by 40% for a better user experience.
- Collaborated in an Agile environment, contributing to 20+ sprint meetings, stand-ups, and discussions to enhance data workflows and reporting efficiency. Committed to continuous learning, implementing 5+ best practices in data optimization and management.

Data Analyst Intern

May 2022 - Dec 2022

Magna Infotech

- Conducted exploratory data analysis (EDA) using Python (Pandas, NumPy) and SQL, identifying key trends and patterns to support data-driven insights.
- Optimized 50+ SQL queries and stored procedures in MySQL, reducing query execution time by 30% and improving data accessibility for reporting and analysis.
- Participated in an Agile environment, contributing to 10+ sprint meetings, stand-ups, and discussions to improve data workflows and reporting processes.

Data Analyst Intern

Jun 2021 - Nov 2021

DevTown

- Gained hands-on experience in Python for data analysis, leveraging NumPy, Pandas, and Matplotlib/Seaborn to perform EDA and extract insights in finance and marketing datasets.
- Developed proficiency in SQLite and DB Browser, executing 50+ queries for efficient data extraction, ensuring 95%+ data accuracy and optimized storage.
- Applied statistical analysis and EDA using Scikit-learn and R, evaluating key performance indicators (KPIs) and supporting data-driven decision-making through predictive insights.

Education

Poornima University, India

Oct 2020 - Dec 2023

Bachelor of Computer Application's in Data Science

Certificates

SQL Crash Course for Data Science

May 2021

Mass Street Data School

Training in Machine Learning

Oct 2021

DevTown (ShapeAI)

Training in Python

Oct 2021

DevTown (ShapeAI)

SDP on Data Science – ML&AI

Mar 2022

E & ICT Academy, IIT Kanpur

SDP on Advance Excel with Tableau

Apr 2022

E & ICT Academy, IIT Kanpur

Data Analytics: 1 Foundations

Jun 2022

LinkedIn Learning