Rohan Goyal

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SUMMARY :

Detail-oriented Data Analyst with over three years of experience leveraging data to drive informed business decisions and optimize operational processes. 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.

Skilled in SQL, Python, R, and ETL processes, with expertise in writing efficient queries, maintaining data integrity, and developing interactive dashboards to enhance decision-making. Committed to improving analytical processes, fostering continuous improvement, and addressing challenges through data-driven solutions.

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