Brijesh Sharma
DATA ANALYST

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SUMMARY

- Skilled Data Analyst with 4 years of hands-on experience in leveraging data to drive strategic decision-making in the finance and technology sectors.
- Proficient in programming languages including R, Python, SQL, C, and C++, with a strong ability to write complex data analysis scripts and applications.
- Expert in using SQL for data extraction, transformation, and loading (ETL), including optimization of queries, and indexing for performance improvements.
- Created interactive dashboards and reports using Tableau, Power BI, and Excel, conveying data insights effectively to non-technical stakeholders.
- Utilized advanced Excel functions, VBA macros, pivot tables, and VLOOKUP for data analysis and automation of routine tasks
- Proficient in data cleaning techniques, data wrangling, and ETL processes, ensuring high data quality and consistency.
- Proficient in various database systems, including MySQL, PostgreSQL, MongoDB, and SQL Server, with experience in schema design and optimization.
- Worked with cloud platforms like AWS and Azure for scalable data storage, processing, and analysis.
- Utilized Git and GitHub for code version control, collaboration, and tracking changes in data analysis scripts.
- Collaborated seamlessly with cross-functional teams, including data engineers, software developers, and business analysts, to deliver comprehensive data solutions.

SKILLS

Programming Language:	R, Python, SQL, C, C++
Packages:	NumPy, Pandas, Matplotlib, SciPy, Scikit-learn, TensorFlow, Seaborn, OpenCV
Visualization Tools:	Tableau, Power BI, Advanced Excel (Pivot Tables, VLOOKUP)
IDEs:	Visual Studio Code, PyCharm, Jupyter Notebook
Database:	MySQL, PostgreSQL, MongoDB, SQL Server
Cloud Platform:	Amazon Web Services (AWS), Microsoft Azure
Other Technical Skills:	Machine Learning Algorithms, NLP, Deep Learning (CNN, RNN/LSTM), CI/CD, ETL Tools, ServiceNow, Advance Analytics, Informatica MDM, Data Mining, Data warehousing, Data transformation, Data Storytelling, Association rules, Clustering, Classification, Regression, A/B Testing, Forecasting & Modelling, Data Cleaning, Data Wrangling, Agile Development, Restful API development
Other Skills:	Effective Communication, Problem Solving, Time Management, Stakeholder Management, Presentation Skills, Risk Management, Flexibility, Networking, Optimization Techniques
Version Control Tools:	Git, GitHub
Operating Systems:	Windows, Linux

EXPERIENCE

Data Analyst | JPMorgan Chase, NY   **Sept 2022-Present**

- Played a pivotal role in extracting meaningful insights from financial data to support strategic decision-making.
- Optimized SQL queries by creating and fine-tuning database indexes, improving query performance, and reducing response times.
- Implemented complex data transformations and data validation processes using SQL and ETL (Extract, Transform, Load) tools like Informatica.

- Developed predictive models using machine learning algorithms from libraries like Scikit-Learn and TensorFlow for risk assessment and fraud detection.
- Used advanced Excel functions and VBA macros for data cleansing, transformation, and automation of routine tasks.
- Utilized libraries like Pandas, NumPy, and Matplotlib for statistical analysis and visualization and employed Jupyter Notebook for exploratory data analysis (EDA) and to create interactive data-driven reports.
- Leveraged data visualization tools such as Tableau and QlikView to create interactive dashboards and reports for key stakeholders.
- Conducted regression analysis and hypothesis testing to support risk assessment and financial modeling.
- Utilized version control systems like Git for managing code and tracking changes in data analysis scripts.
- Collaborated with cross-functional teams, including data engineers, software developers, and business analysts, to deliver end-to-end data solutions.

Data Analyst |Cognizant, India   **Nov 2019 - Aug 2021**
- Created and optimized complex SQL queries, subqueries, and joins to extract specific datasets from large relational databases.
- Employed advanced data manipulation techniques in SQL, such as window functions and Common Table Expressions (CTEs), for intricate data transformations.
- Interacted with clients and stakeholders to gather data requirements and understand project objectives.
- conducted exploratory data analysis (EDA) to uncover trends, patterns, and anomalies in the data.
- Worked with large datasets and employed data cleaning techniques to ensure data quality and consistency.
- Utilized data visualization tools Power BI to create interactive and insightful reports and dashboards.
- Collaborated with data engineers to design and implement data pipelines for efficient data extraction and transformation.
- Participated in data modelling activities, involved the creation of predictive models using machine learning algorithms and automated routine data tasks using scripting language Python.
- Implemented data mining techniques, including association rule mining and decision tree analysis, to uncover hidden patterns in data.
- Communicated data-driven insights effectively to non-technical stakeholders through presentations and reports.

SQL Developer |Mu Sigma, India   **Sept 2018 - Oct 2019**
- Involved in the development and maintenance of SQL-based data solutions.
- Utilized SQL Server Management Studio (SSMS) as my primary development environment.
- Involved writing and optimizing SQL queries to extract, transform, and load data from various sources into databases.
- Assisted in database design and schema modifications, ensuring data integrity and performance.
- Contributed to the creation of data visualization reports using tools like Tableau or Power BI.
- Worked on data cleansing and data enrichment processes to improve the quality of datasets.
- collaborated with data engineers and data scientists to support their analytics and modelling initiatives.
- Documented database processes, schemas, and data dictionaries for reference and future use.
- Actively participated in code reviews to improve the efficiency and quality of SQL code.
- Gained exposure to ETL (Extract, Transform, Load) processes and tools like SSIS (SQL Server Integration Services).

EDUCATION

Master of Science in Computer Engineering - Saint Louis University, St. Louis, MO, USA
Bachelor of Technology in Computer Science and Engineering - Lovely Professional University, Punjab, India