

Brijesh Sharma

Data Analyst

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PROFESSIONAL SUMMARY

- Highly skilled working professional with 4+ years of experience driving strategic decision-making analytics in finance, sales, operational KPI's, and technology.
- Proficient in Python, SQL, C, and C++, adept at crafting complex data analysis scripts.
- Expert in SQL for ETL, optimizing queries, and enhancing performance through indexing.
- Excel in data cleaning, wrangling, and ETL processes, ensuring data quality and consistency.
- Demonstrated ability to create impactful dashboards and reports using Tableau, Power BI, and Excel for effective communication with technical and non-technical stakeholders.
- Experienced with MySQL, PostgreSQL, MongoDB, and SQL Server, excelling in schema design and optimization and Utilizing AWS and Azure for scalable data storage, processing, and analysis.
- Demonstrated success collaborating with cross-functional teams to deliver comprehensive data solutions and present insights to diverse stakeholders.

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, Snowflake, QlikView, Airflow, Databricks
IDEs	Visual Studio Code, PyCharm, Jupyter Notebook
Database	MySQL, PostgreSQL, MongoDB, SQL Server, Microsoft Dynamics 365 Business Central
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 (VLOOKUP, Pivot Tables, Macros) and VBA 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.
- 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

- Developed and optimized intricate SQL queries, subqueries, and joins for extracting specific datasets from large relational databases.
- Applied advanced data manipulation techniques, including window functions and Common Table Expressions (CTEs), for complex data transformations.
- Interacted with clients and stakeholders to gather data requirements and understand project objectives.
- Conducted exploratory data analysis (EDA) to reveal trends, patterns, and anomalies in large datasets, ensuring data quality through cleaning techniques.
- Utilized Power BI for creating interactive and insightful reports and dashboards.
- Collaborated with data engineers to design and implement efficient data pipelines for extraction and transformation.
- Engaged in data modeling, including the creation of predictive models using machine learning algorithms and automation of routine tasks with Python scripting.
- Implemented data mining techniques like association rule mining and decision tree analysis to uncover hidden patterns.
- Utilized version control systems like Git for managing code and tracking changes in data analysis scripts.
- Effectively communicated data-driven insights 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 in Computer Science** - Graduated May 2023
Saint Louis University, St. Louis, MO, USA | GPA: 6.63
Coursework: DBMS; Data Engineering; Intro to ML; NLP; Computer Vision; Software Design & Engineering; Algorithms; Computer Security; IOT
- **Bachelor of Technology in Computer Science and Engineering** - Graduated May 2018
Lovely Professional University, Punjab, India