Anisha Sharma
Data Analyst

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SUMMARY

- Data Analyst with 3+ years of hands-on experience in analyzing complex datasets and delivering actionable insights.
- Adept in Agile and Waterfall project methodologies, ensuring successful collaboration in cross-functional teams.
- Proficient in using Python, R, and SQL to manipulate, clean, and analyze large datasets, employing libraries such as NumPy, Pandas, SciPy, and Scikit-learn for advanced data analysis and predictive modeling.
- Experience in data visualization using tools like Tableau, Power BI, and Matplotlib, delivering clear and insightful dashboards to drive business decision-making.
- Proficiency in data migration to AWS and GCP, ensuring seamless integration of data pipelines, improving data accessibility and enabling scalable analytics solutions.
- Well-versed in database management with experience in MySQL, PostgreSQL, SQL Server, MongoDB, and Oracle, ensuring data integrity, scalability, and high performance across various platforms.
- Skilled in version control with Git, GitHub, and GitLab, and known for transforming raw data into actionable insights that optimize business strategies and enhance operational efficiency.

EDUCATION

Master of Science in Information Systems	**May 2024**
New Jersey Institute of Technology	Newark, NJ, USA
Bachelor of Engineering in Computer Science Engineering	**May 2021**
GH Raisoni College of Engineering	Nagpur, India

SKILLS

Methodologies: SDLC, Agile, Waterfall
Language: Python, R, SQL
IDEs: Visual Studio Code, PyCharm, Juypter Notebook
Packages: NumPy, Pandas, Matplotlib, Seaborn, SciPy, Scikit Learn, ggplot2
Visualization Tools: Tableau, Power BI, MS Excel
Cloud Technologies: AWS, Azure, GCP, DataBricks

Databases: MySQL, PostgreSQL, SQL Server, Oracle, MongoDB
Version Control Tools: Git, GitHub, GitLab
Other Skills: Data Cleaning, Data Wrangling, Critical Thinking, Communication Skills, Presentation Skills, Problem-Solving, Data Architecture, Data Management
Operating Systems: Windows, Linux, Mac

EXPERIENCE

Metlife, USA   **Jan 2024 - Present**
Data Analyst

- Leveraged Agile methodologies to collaborate with cross-functional teams, delivering data analysis and insights that informed key business decisions and improved operational efficiency.
- Utilized Python, Pandas, and SQL to clean, manipulate, and analyze large datasets, uncovering trends and providing actionable insights to stakeholders.
- Established visualizations using Matplotlib, Seaborn, and Tableau, effectively communicating complex data findings to non-technical audiences, resulting in a 30% increase in data-driven decision-making.
- Worked extensively with cloud platforms AWS to manage and analyze data at scale, optimizing data storage and retrieval processes.
- Developed and optimized complex SQL queries, managing data pipelines and improving data extraction processes, reducing query execution time by 30% for PostgreSQL and SQL Server databases.
- Designed and deployed over 15 interactive Tableau dashboards and Excel reports, providing real-time tracking of key metrics and KPIs, resulting in a 25% increase in user engagement and decision-making efficiency.
- Designed, developed, and optimized data pipelines to extract, transform, and load (ETL) data from multiple sources, ensuring seamless integration and accessibility for analysis.
- Integrated version control workflows with GitHub to ensure collaborative development, tracking, and versioning of analysis scripts and reports.

Mindtree, India   **Jan 2020 - Aug 2022**
Data Analyst

- Applied SDLC and Waterfall methodologies to structure and manage data analysis projects, ensuring timely delivery and alignment with business requirements.
- Executed Jupyter Notebook for interactive data exploration and analysis, automating data wrangling tasks with NumPy and SciPy, reducing data preparation time by 40% for key projects.
- Industrialized and used machine learning models using Scikit Learn, generating actionable insights that contributed to a 20% improvement in decision-making and optimized business operations.
- Considered and advanced Power BI dashboards, providing stakeholders with real-time tracking of key metrics and KPIs, resulting in a 30% increase in data-driven strategic initiatives and faster business responses.
- Deployed and managed containerized applications using Docker, enabling consistent environments for ETL processes and reducing deployment complexities.
- Performed data extraction, transformation, and analysis on databases (Oracle, MongoDB) to support business intelligence needs and ensure data integrity.
- Accomplished version control with Git, ensuring collaboration and tracking of data analysis scripts and reports across teams.
- Collaborated with business stakeholders to translate data into actionable insights, driving business optimization and process improvements.