

Heet Ratanpara

Data Analyst

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SUMMARY

Experienced Data Analyst with 3+ years of expertise in advanced analytics, data visualization, and data engineering to support data-driven decision-making across various industries. Proficiency in data cleaning and transformation using libraries such as NumPy, Pandas, Matplotlib, Seaborn, SciPy, Scikit, etc., ensuring accurate data preparation and analysis. Skilled in designing and optimizing ETL workflows using tools like SSIS, SSRS, etc., enabling efficient data extraction, transformation, and loading. Strong proficiency in data visualization and reporting with Tableau, Power BI, and Advanced Excel, creating interactive dashboards and insightful reports for stakeholders. Well-versed in cloud-based data processing and storage solutions using AWS, Azure, and GCP to enhance scalability and performance. Expertise in database management, including PostgreSQL and Oracle, ensuring data integrity, optimized query performance, and effective data governance.

SKILLS

Methodologies: SDLC, Agile, Waterfall

Language: Python, R, SAS, SQL, PL/SQL

IDEs: Visual Studio Code, PyCharm, Jupyter Notebook

Packages: NumPy, Pandas, SciPy, Matplotlib, Seaborn, Scikit-learn, TensorFlow, ggplot2

ETL Tools: SSIS, SSRS, SSAS, Informatica

Visualization Tools: Tableau, Power BI, Excel (V-lookup, H-lookup, Pivot Tables)

Cloud Technologies: AWS, GCP, Azure

Database: MySQL, PostgreSQL, SQL Server, Oracle,

Version Control Tools: Git, GitHub, GitLab

Other Skills: Data Cleaning, Data Wrangling, Critical Thinking, Presentation Skills, Problem-Solving, Data Analytics, Decision-making, Data Architecture, Data Mining, Data Management, Data Manipulation, Data Warehousing

Operating Systems: Windows, Linux, Mac

EXPERIENCE

S&P Global, USA | Jan 2024 - Present

Data Analyst

- Exploited SDLC and Agile frameworks to coordinate data analysis initiatives, ensuring efficient project execution and alignment with organizational objectives.
- Applied Python and key libraries like NumPy, Pandas, and Matplotlib to process large datasets, generating meaningful insights and enhancing reporting efficiency.
- Created over 20 interactive dashboards and reports in Tableau, enabling real-time tracking of key performance indicators and improving decision-making efficiency by 35%.
- Implemented scalable data storage and processing solutions using AWS services like S3 and Redshift, reducing data retrieval time by 40% and enhancing overall system performance.
- Administered MySQL and PostgreSQL databases, optimizing query execution and ensuring efficient data management.

Intex Technologies, India | Jan 2020 - Dec 2021

Data Analyst

- Implemented Waterfall methodology to structure and manage data analysis projects, ensuring timely completion and efficient workflow execution.
- Conceptualized Seaborn and SciPy to generate in-depth visualizations, enhancing data interpretation and simplifying complex trend analysis.
- Industrialized and implemented predictive models using Scikit-learn and TensorFlow, enabling more accurate forecasting and data-driven strategies.
- Constructed interactive dashboards in Power BI and automated reporting in Excel, streamlining data presentation and improving accessibility for stakeholders.
- Optimized large-scale data processing pipelines with Databricks, reducing data processing time by 50% and enhancing computational efficiency for datasets exceeding 10TB.
- Managed and optimized SQL Server and Oracle databases, ensuring 99.9% data accuracy and improving query performance by 40% to support high-volume analytical reporting.
- Conducted extensive data transformation and preparation to enhance data quality, enabling accurate and reliable analysis.
- Leveraged analytical skills to extract insights, collaborate with cross-functional teams, and provide strategic recommendations based on data-driven findings.

EDUCATION

Master of Science in Data Science

Dec 2023

New York Institute of Technology, Manhattan

Bachelor of Engineering in Computer Engineering

Gujarat Technological University, Gujarat, India