

Sachin Yadav

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Summary

Detail-oriented Business Analyst with 3 years of experience interpreting and analyzing complex datasets to drive business decisions. Proficient in SQL, Python, Spark, ETL processes, and data visualization tools like Power BI. Adept at identifying trends, optimizing processes, and delivering actionable insights. Strong analytical mindset with a commitment to accuracy and efficiency in data-driven solutions.

Skills

Languages: C/C++, Python, Postgres SQL, Scala, SQL Server

ETL Tool and Data Processing: Alteryx, Dataiku, Apache Spark, Numpy, Pandas, Hadoop

Visualization Tool: Tableau, Power BI, Matplotlib, Seaborn

AWS Tool: Athena, S3, Step Function, Glue, Lambda

Control Systems & Documentations: Git, BitBucket, Jira, Conuence

Work Experience

Genpact

July 2022 - Present

Business Analyst

- Designed and implemented ETL processes using Alteryx, Python and Scala, Tableau streamlining data integration from multiple sources and improving data accuracy and availability.
- Developed and optimized complex SQL queries and data models to support business intelligence and reporting needs, enhancing data retrieval performance by 30%.
- Optimized Spark jobs and Scala code to improve performance and resource utilization, resulting in a 25% reduction in execution time and cost.
- Used ETL tool – Power Query for data transformations like Filtering, Aggregating, Indexing, Sorting, Joining. Transformed the data like Detect data type, Merge queries, Append queries, Group By etc. using Power Query Editor and then loaded to Power BI and Tableau.
- Design and deployed the end-to-end process, developed multiple interactive and insightful dashboards using Power BI, drawing from SQL data sources, excel/csv, SharePoint folder & Power BI Dataset.
- Developed and managed the entire backend processes of data pipeline and data transformation for DASH application using Alteryx, SQL, Python and Scala, Tableau.
- Collaborated with cross-functional teams to integrate data from various sources, using Python, Scala, Spark, Tableau and Alteryx to automate data workows and ensure data consistency.

Education

Delhi Technological University

Aug 2018 - Jun2022

Bachelor of Technology in Information Technology

CGPA: 8.22/10

Project Work

Movie Booking System

Dec 2020 - Jun 2021

Tools Used: C#, Visual Studio, SQL, DBMS [\[Link\]](#)

- Developed a user-friendly desktop application allowing users to: Log in using credentials, browse and select movies from a list, and Choose Showtime and seats.
- Generate and receive tickets via email. Utilized SQL and DBMS to manage user and movie data efficiently. Implemented **OTP verification** using SMTP protocol to enhance user profile security

Reference: Zepul Private Limited