SAHIL SHARMA

DATA ANALYST

Enthusiastic and dedicated professional with a strong commitment to learning and growth. Highly analytic and problem solver with the knowledge of React, sql, Tableau, Pyhton. Passionate about creating and designing art pieces in my spare time. Committed to delivering high-quality results that contribute to your organization. Targeting Data Analyst roles with an organization of high repute with a scope of improving knowledge and further career growth.

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PROFESSIONAL EXPERIENCE

ASSOCIATE SOFTWARE ENGINEER INTERN   January 2024 - June 2024
XenonStack | Mohali sector 75

- Developed a Library Management System using Golang for backend services and React for frontend interface.
- Implemented data processing workflows with Apache Spark, and managed real-time data streams using Apache Kafka.
- Gained hands on experience in Docker and Kubernetes.
- Performed testing on XenonStack website using selenium and cucumber framework.

PROJECTS

Wind Energy Resources Analysis in Turkey   February 2024 - April 2024
XenonStack | Mohali sector 75

- Technologies Used: Apache Spark, PySpark, Kafka, Spark SQL, and Delta Lake.
- Developed and deployed data streaming pipelines using Apache Spark (PySpark) and Apache Kafka for real-time data ingestion and processing.
- Configured Kafka topics for efficient data reading and writing.
- Utilized Spark SQL and DataFrames for data manipulation and transformation tasks.
- Modified and enhanced the dataset by deriving new data frames, adding calculated fields.
- Successfully reduced data processing time by 30% through efficient use of Spark's in-memory computing capabilities, generated actionable insights.

FIFA 22 ANALYSIS   January 2024 - January 2024
Python, Seaborn, Pandas, Matplotlib | LPU jalandhar

- Successfully filtered and analyzed datasets to identify players with specific attributes, enhancing the understanding of dataset characteristics.
- Enhanced data visualizations using Seaborn to create attractive and informative statistical graphics and created various plots including pie chart , line charts.
- Demonstrated proficiency in Python and key data analysis libraries, contributing to the overall success of data analysis projects.

BASEBALL ANALYSIS   August 2023 - September 2023
R programming | LPU jalandhar

- Technologies Used: R, Shiny for web app, ggplot2 for data manipulation and visualization
- Built an interactive dashboard to display key performance of players at different position on the field.
- Incorporated user inputs and filters to allow data exploration and customization of the dashboard to fit different use cases

SKILLS

- Python , Pyspark, Spark, Kafka, Data mining, Excel
- Data Quality, Data cleansing,Statistics
- SQL, Pandas
- Relational Database, DBMS
- Data visualization, Data exploration
- Data analysis, Statistical analysis
- Tableau, Power BI

EDUCATION

Bachelor of Technology - Computer Science

LOVELY PROFESSIONAL UNIVERSITY
2020 - 2024

Senior Secondary Education (CBSE) Non-Medical

J. N. V. BILASPUR H.P.
2018 - 2019

CERTIFICATIONS

- Introduction to Big Data - Coursera
- Machine Learning - Coursera
- Pyhton Basic - Hackerrank
- Sql Basic - Hackerrank
- Introduction to R - Datacamp

SOFT SKILLS

- Strategic Planning & Analysis
- Time Management
- Leadership, Teamwork, Collaboration, Adaptable
- Effective Communication, Engagement
- Attention to detail
- Problem solving

LANGUAGES

- English - Advance
- Hindi - Native
- Punjabi - Advance

EXTRA CURRICULAR

- Sports
- Art and Drawing (Won section of the year in 2020)
- Volunteering