SOHAIL SHAIKH

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DATA ANALYST

Detail-oriented Data Analyst with a year of hands-on experience in data collection, data cleaning, data analysis and visualization. Proficient in SQL, Python, Power BI, Excel by interpreting complex datasets and deriving actionable insights. A quick learner with strong problem-solving skills, coupled with a keen interest in leveraging data, applying analytical skills to solve complex business problems and contribute to the success of a dynamic team.

WORK EXPERIENCE

Whiz.ai   Pune, Maharashtra
Software Engineer   February 2022 - October 2022

Worked as a Software Engineer cum Data Analyst/Data Engineer on the CVM (Cardio Vascular Muscle) project, providing advanced data solutions for Johnson & Johnson.

- Enhanced ETL processes by optimizing complex SQL queries and streamlining data extraction procedures. Reduced processing time for ETL tasks through the implementation of parallel execution strategies by identifying potential bottlenecks before they impacted users.
- Reduced data processing time with efficient code refactoring and performance optimization techniques and optimized data analysis processes by streamlining Python scripts and automating repetitive tasks.
- Achieved an increase in data accuracy by implementing thorough validation checks and error-handling mechanisms.
- Implemented Cronjob for scheduling DAG in Airflow.
- Collaborated on the development of a user-friendly dashboard utilizing Python-based visualization tools for real-time monitoring of key business metrics
- Delivered data-driven recommendations to senior leadership, influencing the development of key business strategies and fostering a data-centric culture within the organization.
- Analyzed data to identify root causes of problems and recommended corrective actions, developed customized reports, summarizing and presenting data in visually appealing format.
- Collaborated with stakeholders to identify business needs and data sources.

Tripstack   Pune, Maharashtra
Software Engineer - 1   July 2021 - January 2022

Worked as a Software Engineer responsible for solving coding bugs, coding in C#, and conducting web scraping to enhance the functionality of travel-related platforms.

- Implemented effective debugging strategies, resulting in fewer software defects and increased reliability.
- Worked on high-impact projects such as Ryanair, Allegiant, and AirArabia by optimizing C# code and implementing efficient algorithms which ultimately improved website performance and user experience.
- Established efficient communication channels within the team, leading to better collaboration among members during project development phases.
- Increased code maintainability through diligent documentation of changes made during each revision cycle.
- Maximized development efficiency using version control systems like Git to manage source code effectively.

PROJECTS

Diwali Sales Data Analysis using Python
- Analyzed Diwali sales data and improved customer experience by identifying potential customers across different states, occupation, gender, age groups as well as forecasted sales by identifying the most selling product and product categories thereby helping to plan inventory and hence meet the demands.
- **Skills :** Python (Pandas, Matplotlib, Seaborn), Data Cleaning, EDA, Data Visualization

Digital Music Store Analysis using SQL
- Analyzed music store data and utilized SQL queries to solve key business problems, such as identifying top-selling genres, tracking customer purchasing trends, and optimizing inventory by pinpointing underperforming products thereby deriving actionable business insights.
- **Skills :** Aggregate functions, SQL joins, SQL query optimization, CTEs, Subqueries

HR Analytics Dashboard using Power BI
- Developed expertise in data modeling, visualization, and analysis using Power BI. Identified key factors to reduce attrition, improved hiring process, improved employee experience, made workforce more productive and gained employee trust thereby enabling effective HR decision-making by solving business problems such as employee turnover, performance tracking, and workforce optimization.
- **Skills :** Power Query, DAX commands, Data Integration, Data Modeling, KPI Reporting, Data Visualization, Dynamic Filtering, User Experience Design

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SKILLS

- Python
- SQL
- Excel/Google Sheets
- A/B testing & experimentation
- NumPy
- Pandas
- Matplotlib
- Seaborn
- Scikit-learn
- Microsoft Excel
- Power BI
- Tableau
- Apache Spark
- PostgreSQL
- Amazon Redshift
- Data Wrangling
- Git/Gitlab/Bitbucket
- Machine Learning
- JIRA

EDUCATION

Pimpri Chinchwad College of Engineering & Research, Ravet, Pune (August 2017- June 2021)
(B.E.(Bachelors of Engineering) in Computer Engineering
CGPA : 7.9/10
- Final year Project : Age & Gender Detection using ResNet CNN

Kamalnayan Bajaj Higher Secondary School, Sambhaji Nagar, Pune (February 2016 - March 2017)
Higher Secondary Certificate (H.S.C)
Percentage : 72.6

Kamalnayan Bajaj High School, Sambhaji Nagar, Pune (March 2014 - April 2015)
Secondary School Certificate (S.S.C)
Percentage : 87.2

CERTIFICATIONS

- Python for Everybody Specialization by University of Michigan | Coursera
- Google Data Analytics Specialization by Google | Coursera
- Microsoft Power BI Data Analyst Specialization by Microsoft | Coursera

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