

Aryan Shaikh

DATA ANALYST

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Summary <http://github.com/aryanaryahsworld>

Data Analyst with 3+ years of experience in interpreting and analyzing complex data sets. Proven ability to translate data into actionable insights that drive business decisions and process improvements. Adept at utilizing statistical methods, data visualization tools, and database management to support strategic initiatives. Strong problem-solving skills and a commitment to accuracy and efficiency.

Experience

Ekeeda Pvt. Ltd, India | Data Analyst, Intern

Jan 2019 – Dec 2020

- Involved requirements gathering, analysis, design, development, and testing production of an application using the Agile model.
- Constructed SQL tables with referential integrity to maintain data integrity; developed sophisticated queries using stored procedures and functions in SQL Server Management Studio, improving data retrieval speed by 35% and system efficiency by 25%.
- Used packages like ggplot2 in R Studio for data visualization and generated scatter plots and high-low graphs to identify the relationship between different variables.
- Spearheaded the implementation of PyCharm and Visual Studio Code in the software development pipeline, resulting in a 30% reduction in debugging time and a 20% increase in code quality.
- Used Pandas, NumPy, SciPy, and Matplotlib in Python for developing various machine learning algorithms.
- Performed ETL operations to carry out data transactions over AWS and PySpark and execute Hive analytics.
- Led the integration of Excel PowerPivot for dynamic data analysis and customization of end-user queries, driving a 25% boost in reporting accuracy and a 20% reduction in data processing time.
- Worked on developing Python script for the whole data science project life cycle including data acquisition, data cleaning, data exploration, and data modeling using libraries such as Pandas.

LA Technologies Pvt. Ltd , India | Data Analyst

Jan 2020 - Aug 2022

- Implemented the project using the Waterfall Methodology to produce artifacts in the different phases of the Software Development Life Cycle (SDLC).
- Worked on numerous ad-hoc data pulls for business analysis and monitoring by writing SQL scripts.
- Executed data validation, data profiling, data defects cleanup, data improvement initiatives, and data quality monitoring reports.
- Involved in Data Analysis, Profiling, and Assessment to evaluate data for accuracy and quality using Python and libraries SciPy, NumPy, and Pandas.
- Developed spark applications in python (PySpark) on the distributed environment to load a huge number of CSV files with different schema into Hive ORC tables.
- Utilized Power BI to create various analytical dashboards that help business users to get a quick insight into the data.
- Worked with the Data Warehouse team in developing Dimensional Model and analyzing the ER-Diagrams.
- Orchestrated data analysis and profiling endeavors by crafting and implementing complex SQL queries on multiple source systems, notably SQL Server, driving a 15% enhancement in data quality and integrity.

Skills

Methodologies:	SDLC, Agile, Waterfall
Language:	Python, R, SQL, SAS
IDEs:	Visual Studio Code, PyCharm, Jupiter Notebook
Packages:	NumPy, Pandas, Matplotlib, SciPy, ggplot2, Scikit-Learn, PyTorch, TensorFlow, Keras, Spark
Big Data Tools:	PySpark, Hive
Visualization Tools:	Tableau, Power BI, Microsoft Excel
Database:	MySQL, SQL Server, Oracle, MongoDB
Software / Other Skills:	Jira, Data Cleaning, Data Wrangling, Critical Thinking, Communication Skills, Presentation Skills, Problem-Solving, Decision-Making, Google Sheets, Information Management, ETL Process, ELT
Operating System:	Process, AWS, SAP, Azure, Machine Learning, ERP Process, SD Tables, Google App Script Windows, Linux

Education

Master in Computer Science and Engineering | Santa Clara University, Santa Clara, CA: 2022-2024

Bachelor in Computer Engineering | Savitribai Phule Pune University, India: