Aishwarya Ankobrao Kalaishekar

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SUMMARY

Detail-oriented Data Analyst with 3 years of experience in collecting, analysing, and interpreting large datasets to drive business solutions. Proficient in utilizing analytical tools such as **Python**, **SQL**, and **Excel** to uncover trends, generate actionable insights, and support decision-making. Adept at creating detailed reports and visualizations using tools like **Tableau** and **Power** BI. Strong ability to collaborate with cross-functional teams to optimize processes and improve data accuracy. Skilled in statistical analysis, data cleaning, and data visualization with a focus on enhancing organizational performance and efficiency.

SKILLS

Methodologies: Agile, SDLC, Waterfall
Programming Languages and Libraries: Python, SQL, R. SCALA
Database: Microsoft SQL Server, Oracle Database, Mongo DB, NoSQL, CASSANDRA, PostgreSQL
Data Visualization: Tableau, Power BI, Microsoft Excel (advanced)
Big Data Technology: Hadoop, Apache Spark, Apache Kafka, Apache Airflow, Data bricks **Packages:** Pandas, NumPy, Pytorch, TensorFlow, Scikit-Learn, seaborn, Matplotlib, SciPy, Plotly**Cloud Platforms & DevOps:** AWS, Microsoft Azure, Snowflake, Docker, Kubernetes, Jenkins **Version Control:** Git, GitHub
Soft Skills: Critical thinking, problem-solving, Attention to detail, Data storytelling, Collaboration with cross-functional teams

EDUCATION

Master of Science in Information Systems   **May 2025**
Saint Louis University | Missouri | US
Bachelor of Engineering in Computer Science and Engineering   **June 2020**
Visvesvaraya Technological University| INDIA

EXPERIENCE

Data Analyst | NTT Data Global Delivery Services | India   **May 2022 - Jan 2023**
▪ Utilized **Azure Cloud** and **Hadoop** ecosystem for large-scale data storage and analysis, collaborating with the IT team to ensure secure data access and processing from 100+ dermatology clinics across the network.
▪ Developed and optimized **Apache Spark** applications using **PySpark** to process and standardize large volumes of CSV files from diverse clinicmanagement systems, improving data consistency and reducing processing time by 70% compared to previous Python scripts.
▪ Created and maintained **SQL** queries for regular and ad-hoc reporting, delivering timely insights to stakeholders on key performance indicators such as patient visits and resource utilization.
▪ Designed interactive **Power BI** dashboards to visualize clinic performance metrics, incorporating time series forecasting models to predict patient visit trends, this enhanced reporting capability contributed to the transition from monthly to more frequent reporting cycles and improved operational planning.
▪ Conducted data scraping to gather valuable information from various sources, enriching datasets and expanding analytical capabilities.
▪ Participated in data process improvement initiatives, identifying areas for automation in routine operations and suggesting solutions to enhance data quality and analysis efficiency, including the implementation of **Docker** containers for consistent development and deployment environments.

Technical Associate| NTT Data Global Delivery Services | INDIA   **June 2020-Apr 2022**
▪ Provided technical assistance and support to customers, clients, and internal teams, resulting in a 20% increase in customer satisfaction rating.
▪ Identified and resolved technical issues, such as software bugs, hardware malfunctions, and network problems, reducing system downtime by 25%.
▪ Assigned, diagnosed, and resolved client-related issues, improving customer satisfaction by 20%.
▪ Conducted testing and quality assurance activities, ensuring that technical systems and software meet quality standards and function correctly, resulting in a 20% reduction in software bugs and a 15% increase in overall system efficiency.
▪ oversaw the maintenance and implementation of new software applications, reducing downtime by 15%.
▪ managed the end-to-end process of creating, testing, and deploying ETL jobs, improving efficiency by 25%.

The Machine Learning Internship by Career Launch | Asia University| TAIWAN   **Jun 2019**
▪ Created and implemented machine learning techniques for big dataset analysis, improving data processing efficiency by 30%.
▪ Participated in planning and implementing machine learning trials, contributing to a 15% increase in trial success rate.
▪ Conducted studies to find and assess novel machine learning methods, leading to the adoption of two new algorithms.
▪ Worked with teammates to optimize and troubleshoot machine learning models, resulting in a 20% improvement in model accuracy.
▪ Presented findings and recommendations to senior team members, leading to the adoption of new strategies that increased project efficiency by 25% and reduced costs by 10%.

CERTIFICATIONS

▪Python Programming and Network simulators in association with ISTE, NEW DELHI
▪AWS Technical Essentials, Amazon Web Services
▪Google Analytics Individual Qualification, Google
▪Internet of Things in association with Nano Robotics Embedded Technologies.