Yukthika Muppaneni

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SUMMARY

Highly skilled Data Analyst with **3+ years** of experience in data mining, statistical analysis, and data visualization. Adept at leveraging advanced analytics and programming tools such as SQL, Python, and Tableau to transform raw data into actionable insights that drive business decisions.

SKILLS

Programming Languages: SQL, Python, R, JavaScript

Data Analysis & Statistical Tools: Excel (Advanced), SAS, SPSS

Data Visualization: Tableau, Power BI, Looker, QlikView

ETL Tools: Informatica, Alteryx, Talend, Apache Nifi

Big Data Technologies: Hadoop, Spark, Snowflake, Hive Apache.

Machine Learning: Scikit-learn, TensorFlow, PyTorch, Kera's

Data Cleaning & Preprocessing: Open Refine, Trifacta.

Dashboarding & Reporting: Google Data Studio, Zoho Analytics

Warehousing: MySQL, PostgreSQL, Oracle, Mango DB.

Cloud Platforms: AWS, Google Big Query, Microsoft Azure

Web Scraping & APIs: Beautiful Soup, Selenium, Postman

Automation & Scripting: VBA (Excel), Power Automate, Bash

Version Control: Git, GitHub

Collaboration & Project Management: JIRA, Confluence, Microsoft Teams

Data Automation & Workflow Orchestration: Apache Airflow, Luigi

PROFESSIONAL EXPERIENCE

Nationwide | Data Analyst II   Columbus, Ohio| April 2024 - Present

- Analyzing complex insurance datasets using SQL, Python, and machine learning, optimizing claims processing and risk assessment.
- Developing interactive dashboards in Power BI and Tableau to provide real-time insights into policyholder engagement and claim efficiency.
- Automating ETL pipelines with Informatica, Apache Spark, and Hadoop, improving data integration and scalability across departments.

Doha Bank | Data Analyst   Mumbai, India| Sept 2022 - Jul 2023

- Extracted and processed financial data using SQL, Python, and Azure, optimizing financial reporting and risk analysis.
- Built data pipelines and automated ETL workflows with Azure Data Factory, Snowflake, and Kafka, improving data accessibility.
- Created Power BI and Tableau dashboards for real-time financial monitoring, enhancing decision-making for stakeholders.

PharmEasy | Data Analyst   Mumbai, India| May 2021 - Aug 2022

- Managed large-scale healthcare datasets using SQL, Python, and machine learning to improve predictive analytics and compliance reporting.
- Developed automated ETL pipelines with Apache Airflow, AWS Glue, and Talend, ensuring seamless data integration.
- Designed Tableau and Power BI dashboards to track customer engagement, inventory forecasting, and healthcare trends.

EDUCATION

University of Cincinnati | Cincinnati, Ohio
Master of Science in Information Technology, GPA: 3.87/4.0

Malla Reddy Engineering College for Women(Autonomous)
Bachelors of Science in Information Technology | Hyderabad, India

CERTIFICATIONS

Microsoft Certified Power BI Data Analyst Associate
Microsoft Certified Data Analyst Associate