

POORNA SAI VEERA HARISH PEDAPUDI

Virginia (Open to Relocation)

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SUMMARY

Data Analyst with 3+ years of industry experience and a Master's in Data Analytics Engineering from George Mason University. Applied Python, SQL, Tableau, and AWS to develop dashboards, automate pipelines, and analyze multi-million row datasets to transform complex data into strategic insights. Delivered scalable data solutions and predictive models that streamlined workflows, accelerated reporting by 30%, and generated 15+ critical financial insights—contributing to a 25% improvement in business performance. Collaborated cross-functionally to enable data-driven decision-making and address high-impact business challenges.

TECHNICAL SKILLS

Languages & Tools: Python, SQL, R, PySpark, Tableau, Power BI, Excel, VS Code, Jupyter Notebook, Git,

Libraries & Frameworks: Pandas, NumPy, scikit-learn, Matplotlib, Seaborn, Spark, BeautifulSoup, tidyverse, dplyr, PyTorch

Cloud & Databases: AWS (S3, Redshift, Glue), Azure, Snowflake, MySQL, PostgreSQL, MongoDB

Core Concepts : ETL, EDA, A/B Testing, NLP, Hypothesis Testing, Data Warehousing, ML, Big Data

Data Science & Statistical Methods: Regression, Classification, Clustering, Time Series Forecasting, Statistical Testing, Feature Engineering, Model Evaluation

PROFESSIONAL EXPERIENCE

Indukuri Information Services Inc

Jul 2024 – Present

Data Analyst

Remote

- Architected database structures for new software systems, creating 20+ relational tables aligned with business needs, ensuring seamless integration and data consistency.
- Took ownership of cross-functional initiatives and mentored junior analysts, contributing to a 15% reduction in onboarding time and elevated team performance.
- Constructed comprehensive SQL analytics pipelines across MS SQL Server and AWS, improving accuracy by 100% and performance by 25%.
- Streamlined ETL workflows and data pipelines using Apache Airflow, Python, PySpark, and SQL, increasing operational efficiency by 30% and enabling timely financial reporting with 15+ critical insights.
- Performed advanced trend models and A/B testing with scikit-learn and statsmodels, enhancing predictive accuracy by 20% and optimizing marketing strategies to drive a 10% revenue increase.

Hildreth Institute

Jan 2024 – May 2024

Data Analyst

Fairfax, VA

- Evaluated 250,000+ education data points from all U.S. states and 500+ institutions to drive policy decisions and strategic planning.
- Visualized complex financial data by designing 10 Tableau dashboards; enhanced data communication by 35% and facilitated clearer decision-making regarding cost of attendance metrics for stakeholders.
- Architected AWS S3 and Redshift-based infrastructure to manage 100+ GB of data, boosting retrieval speed by 40%.
- Simplified data extraction and ingestion using Python (APIs, web scraping) and SQL, reducing manual data entry by 90% and optimizing data storage with AWS S3 and Redshift.

Tritech Software Pvt Ltd

Jan 2020 – Dec 2022

Data Analyst

Hyderabad, India

- Orchestrated the migration of data from legacy ERP systems into a centralized data warehouse using Python and SQL, diminishing data silos and accelerating reporting cycles by 30%.
- Leveraged EDA to reveal seasonality in product demand; optimized inventory management, which minimized stockouts by 25% and decreased holding costs by 10% across the entire supply chain.
- Built Tableau dashboards to visualize KPIs like revenue growth and regional performance, reducing reporting time by 30% and improving stakeholder insights.
- Revamped ETL workflows and unified diverse data sources, enhancing model performance by 20% and accelerating predictions.

EDUCATION

George Mason University

Masters in Data Analytics Engineering

Jan 2023 – May 2024

Fairfax, Virginia

Malaviya National Institute of Technology, Jaipur

Bachelors of Technology in Electronics and Communication Engineering

Jul 2016 – May 2020

Jaipur, India

PROJECTS

Dashboard for Data Exploration of Global COVID-19 Data

Oct 2023 – Dec 2023

SQL Server, Tableau, Excel, Data Warehouse, ETL, Big Data Analytics

- Optimized 1B+ COVID-19 records using SQL Server to identify fatality and vaccination trends; built Tableau dashboard with 20+ visuals aiding health agencies' response planning.

Amazon Web Scraper

Jul 2023 – Sept 2023

Python, BeautifulSoup, Pandas, SQL, Data Engineering, Web Scraping, AWS(Lambda, S3)

- Engineered a real-time Python web scraper with BeautifulSoup and AWS, capturing 10,000+ product prices/min and reducing retrieval errors by 20% through automated workflows.

Analysis of Bank Marketing Strategies and Customer Behavior

Apr 2023 – Jun 2023

Python, R, SQL, Pandas, Scikit-learn, Tableau, A/B Testing, Predictive Analytics

- Assessed 100,000+ customer profiles using SQL, Python, and scikit-learn to build segmentation models, increasing campaign conversions by 15% and engagement by 20%.

HONORS AND AWARDS

Phi Kappa Phi Honor Society Member at George Mason University

Mar 2024

- Selected in Phi Kappa Phi, the nation's most selective all-discipline honor society, outperforming 90% of graduate students in leadership, academic excellence, and scholarship.

ADDITIONAL EXPERIENCE

The Halal Guys, LLC

Jan 2023 – May 2024

Assistant General Manager

Fairfax, VA

- Promoted from Team Member to Assistant General Manager within 8 months; led 10+ staff per shift, managing operations, inventory, and customer experience.