VIJEETH KUMAR PALLE

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SUMMARY

Results-driven Data Analyst with over 4 years of expertise in data processing, automation, and analytics, holding an MS in Business Analytics and Microsoft PL-300 certification. Skilled in SQL, Python, Azure Data Factory, and Power BI, with a strong track record of optimizing data workflows, improving data quality, and driving business insights. Experienced in ETL pipeline development, data governance, and performance optimization, enhancing data reliability and operational efficiency. Experienced in conducting SWOT analysis, gap analysis, and risk management, while developing BRDs and FRDs to ensure alignment with business objectives. Passionate about leveraging data-driven strategies to support business growth, streamline operations, and enhance analytical capabilities.

SKILLS

- **Analysis Tools:** Ms. Excel, Pivots, VBA, V-lookup, Tableau, OpenLM, Power BI, Looker, STATA
- **Programming:** SQL, Python, R programming, C/C++, Pandas, NumPy, OpenCV, DAX
- **Methodologies:** Agile (Scrum & Kanban), Business Process Modeling, Data Modeling, CI/CD, Data Science, ETL Process, NLP
- **Machine Learning:** Scikit-Learn, TensorFlow, Predictive Analytics, Supervised & Unsupervised Learning, Big Data, DBSCAN
- **Software & Platforms:** Atlassian Jira, Salesforce, Apache Hadoop, AWS, Azure
- **Soft skills:** Leadership, Analytics thinking, Problem solving, Time management, Project Management

WORK EXPERIENCE

Meta It Systems LLC | *Business Analyst* **Jan 2024 - Present**

- Optimized ETL workflows processing 300M+ rows/month using Azure Data Factory, improving data processing efficiency by 25% through automated data pipelines.
- Built scalable data solutions using Azure Synapse Analytics and Azure SQL Database, enabling faster data retrieval and real-time analytics.
- Designed and documented ETL processes for extracting data from various sources such as transactional databases and external systems, enhancing data accuracy and consistency across platforms.
- Deployed Power BI dashboards, providing actionable insights and improving executive reporting efficiency by 30%.
- Led requirement gathering sessions with stakeholders, translating business needs into detailed BRDs and FRDs, ensuring smooth implementation in Azure-based environments.
- Implemented Azure Data Lake storage solutions, improving data governance and reducing data processing time by 20%.

Conagra Brands (Capstone Project) | *Data Analyst* **Aug 2023 - Dec 2023**

- Conducted in-depth market research and competitor analysis, identifying key trends that optimized category profitability in the food industry.
- Analyzed large datasets using Excel and VBA to identify patterns and insights, contributing to strategic decision-making.
- Developed an anomaly detection framework leveraging DBSCAN algorithm, achieving a 60x reduction in anomalies and automating detection to save significant staff investigation hours.
- Built a Python-based ETL pipeline to preprocess and transform 5 GB of structured and unstructured data for machine learning workflows, deploying the solution on AWS EC2 and S3 for scalability and efficiency.

SASKEN Technologies Limited | *Data Analyst* **Jun 2019 - May 2022**

- Developed scalable data pipelines handling 150GB+ data, leveraging Azure Data Factory and Azure Stream Analytics to support real-time data ingestion.
- Reduced anomalies by 60x with unsupervised ML models (clustering, anomaly detection) and optimized 150GB data processing pipelines on AWS using Python and Scikit-Learn.
- Implemented ETL processes using Python, Azure Functions, and SQL Server Integration Services (SSIS), ensuring efficient data flow and faster business insights.
- Cut software costs by 12% using OpenLM for license optimization, ensuring compliance and efficient usage across engineering tools.
- Implemented ETL processes using Python, Azure Functions, and SQL Server Integration Services (SSIS), ensuring efficient data flow and faster business insights.
- Facilitated cross-functional stakeholder sessions, refining data strategies and aligning business objectives with Azure-based solutions.

EDUCATION

The University of Texas at Dallas **Aug 2022 - May 2024**
Master's of Science, Business Analytics

ACHIEVEMENTS

Microsoft (PL-300) Power BI Data Analyst Associate