Achanta Krishna Vardhan

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EDUCATION

Vellore Institute of Technology - AP   May 2022
Master of Technology in Software Engineering (Integrated) - CGPA: 7.5

SKILLS

Cloud: Azure Data Factory, Azure Data Lake Storage Gen2, Azure Databricks, Azure Blob Storage
Data Engineering: ETL Processes, Data Warehousing, Pipeline design
Programming: SQL, Python, Apache Spark
Tools & Technologies: Power BI, Advanced Excel, Git, JIRA

WORK EXPERIENCE

Nokia
Associate   July 2022 - Oct 2023
- Developed end-to-end data pipelines for a leading telecom company, enhancing data analysis and customer segmentation strategies, driving business growth.
- Ingested and stored multi-source data into Azure Data Lake Storage (ADLS) Gen2, improving data accessibility by 40%.
- Created and maintained automated data pipelines using Azure Data Factory (ADF), increasing operational efficiency by 20%.
- Optimized pipelines and ETL processes, leading to a 30% improvement in performance.
- Designed SQL queries to extract and analyse large datasets from multiple sources, resulting in 25% faster executions.
- Collaborated closely with cross-functional teams and stakeholders to analyse business requirements and design efficient data pipelines.

PROJECTS

Sales & Finance Data Analysis
- Generated the report for the last 3 years to understand the gross margin and net revenue using pivot tables
- Analysed year-by-year net sales data for effective comparison leading to improved customer satisfaction and net sales.
- Developed a comprehensive market performance vs target report, conducting a thorough analysis of actual vs target net sales to provide valuable insights into performance trends. Played a crucial role in identifying a 9% net sales loss for the year 2021.
- Created thorough P&L statements by fiscal year, markets and months, leveraging advanced Excel functionalities to provide detailed financial insights.

Walmart Sales Analysis
- Analyzed sales performance of Walmart using Sql to identify trends and patterns and identified top-performing product lines, resulting in a 10% increase in overall revenue.
- Identified sales trends, resulting in a 15% improvement in sales strategy effectiveness. Solved 20+ business questions related to product, sales, and customer analysis.

CERTIFICATIONS

- Mission Azure Data Engineer + Big Data Mastery by Azurelib - Ongoing
- MTA: Introduction to Python programming by Microsoft
- Microsoft Certified: Fabric Analytics Engineer Associate