

PROFESSIONAL SUMMARY:

Data-driven Analyst and Engineer with over **4 years** of experience and a expertise in **AI-powered analytics, cloud-native data solutions, and full-stack data engineering**. Leverages **Power BI, Python (PySpark, Pandas), and advanced SQL/DAX** to build scalable data models, **optimize ETL pipelines (Azure Data Factory, AWS Glue)**, and deploy interactive dashboards (**Tableau, Power BI**) for real-time decision-making. Proficient in **Snowflake, Azure Synapse, and AWS Redshift** for modern data warehousing, with hands-on experience in **IoT systems, automation (Power Platform), and statistical modeling**. Combines **Agile methodologies** with **cloud engineering (Azure, AWS, OCI)** to deliver high-performance data architectures. Strategic problem-solver with cross-domain experience in **supply chain analytics, retail intelligence, and smart infrastructure**, bridging technical execution with business innovation.

TECHNICAL SKILLS:

Programming Languages	Python, SQL, C, DAX
Databases	MySQL, Microsoft SQL, Oracle, SSMS, Data Modelling, Data Warehousing
Cloud Services	Microsoft Azure, Amazon Web Services, Oracle Cloud Infrastructure
Visualization Tools	Tableau, OBIEE, MS Excel, Power BI
ETL Tools	Oracle Data Integrator, Azure Data Factory, AWS Glue, Power Query
Data Warehouse	Snowflake, Azure Synapse Analytics
Storage Services	S3, Blob Storage, Data Lake Gen2
Frameworks & Libraries	Pandas, NumPy, Statistical analysis, PySpark
Development & Collaboration Tools	Git, GitHub, Jira, Confluence, Visual Studio, Sandbox, Agile
Web Technologies	IoT, HTML, MATLAB, Arduino IDE, CSS
Power Apps	Power Automate
Storytelling	Stakeholder Engagement, Requirement Gathering

WORK EXPERIENCE

Company: Maxil Technology Solutions Inc

Role: Data Analyst

May 2024 – Till Date

Chicago, IL

- Designed and deployed interactive Power BI dashboards for analytics, enabling stakeholders to track key metrics like application volume, candidate pipeline, and trends with 95% data accuracy.
- Translated business requirements into scalable data models using DAX calculations and Power Query transformations, reducing manual reporting efforts by 30%.
- Optimized dashboard performance by refining SQL queries and implementing best practices in data modelling, improving report load time by 40%.
- Built and maintained ETL pipelines using Azure Data Factory (ADF) and Synapse, processing data from SQL Server, Blob Storage, and external APIs into a centralized data warehouse.
- Automated weekly data refreshes, ensuring near real-time data availability for stakeholders and reducing manual intervention.
- Implemented data validation checks in Power Query, reducing data inconsistencies by 20% and improving report reliability.

- Managed Azure cloud resources, including Synapse SQL pools and Blob Storage, optimizing costs by 15% while maintaining performance.
- Developed complex SQL queries for data extraction and transformation, improving query efficiency by 30% through indexing and query tuning.
- Implemented error-handling frameworks in ADF with Azure Monitor alerts, decreasing pipeline failures.
- Enforced row-level security (RLS) in Power BI to restrict data access by role, improving compliance with organizational data policies.

Company: Cognizant Technology Solutions

Jan 2021 – Dec 2022

Role: Data Engineer

Bangalore, India

- Designed and maintained scalable ETL pipelines using Keystone, SQL, and Python to extract, transform, and load supply chain data from multiple sources into Snowflake, ensuring data accuracy and reducing processing time by 30%.
- Automated data workflows to streamline inventory tracking, order fulfillment, and supplier performance analysis.
- Developed and optimized star and snowflake schemas in Snowflake to support demand forecasting, backorder analysis, and inventory turnover ratio calculations, enabling faster reporting.
- Implemented partitioning and clustering strategies to enhance query performance, reducing dashboard refresh times by 40%.
- Leveraged AWS (S3, Redshift, Glue) for scalable data storage and processing, ensuring seamless integration with Snowflake for real-time analytics.
- Optimized data pipelines to handle 10M+ records daily, supporting high-volume supply chain transactions.
- Built interactive Power BI dashboards to monitor key supply chain metrics such as lead time variability, backorder rates, fill rate, and inventory turnover ratio, helping stakeholders with key insights.
- Conducted root-cause analysis on supply chain disruptions, identifying bottlenecks in procurement and logistics using SQL-driven analytics.
- Implemented data quality checks and error-handling mechanisms in Python-based ETL pipelines to flag discrepancies in inventory records and purchase orders, reducing data correction cycles.
- Collaborated with Business team to translate business requirements into technical solutions, ensuring alignment with inventory optimization and demand planning strategies.

Company: Sunshine Technology

Jan 2020 – August 2020

Role: Jr. Software Engineer

Hyderabad, India

- Designed dynamic OBIEE dashboards to visualize retail KPIs like operating margin, sell-through rate, and basket affinity and enabling stakeholders to identify growth opportunities and optimize pricing strategies.
- Built high-performance SQL scripts extracting data from Oracle DB, MySQL for inventory turnover analysis, reducing query runtime by 25% and accelerating weekly sales reporting.
- Collaborated with cross-functional teams to gather business requirements, translate them into technical specifications, and deliver data-driven solutions aligned with organizational goals.
- Performed data validation, cleansing, and transformation to ensure high-quality data for reporting and analytics, reducing data discrepancies by 15% and enhancing overall data integrity.
- Automated retail reports using ODI, streamlining insights into seasonal demand and supplier performance to reduce excess inventory costs.

Company: National Skill Training Institute

Jun 2019 – August 2019

Role: IoT Engineer Intern

Hyderabad, India

- Gained hands-on experience in developing and deploying IoT solutions using platforms such as Arduino, Raspberry Pi, and ESP8266/ESP32.
- Programmed microcontrollers in C and Python to collect sensor data and control actuators, enhancing device functionality.
- Implemented projects like smart home automation and environmental monitoring systems, leveraging sensors for real-time data processing and analysis.

EDUCATION

University of Cincinnati, Master of Science, Information Technology | Cincinnati, OH

April 2024

Relevant Courses (Human Computer Interaction, Cyber-Security, Advance Storage Technologies, Tech for mobile applications, System Administration, Cloud Computing, Tableau, Data Technologies Programming)

PROJECTS

- **Credit_Card_Transaction_Report** [\[Github\]](#)
 - Designed an interactive Power BI dashboard to analyze credit card transactions, identifying spending patterns, customer segments, and transactional anomalies for strategic insights.
 - Processed raw transaction data by handling inconsistencies, standardizing categories, and optimizing formats using SQL, ensuring reliability for analysis.
 - Created dynamic visualizations, including time-series trends and geospatial mappings, to highlight spending behaviors and potential fraud signals for stakeholder review.
 - Enhanced dashboard usability with interactive filters, tooltips, and drill-down features allowing seamless exploration of transactional data and actionable insights.
- **Inventory_and_Supply_Chain_Management_Analysis** [\[Github\]](#)
 - Developed an end-to-end e-commerce analytics solution using SQL to process transactional data, uncovering trends in customer behavior, sales performance, and inventory demand.
 - Cleaned and transformed raw datasets by handling missing values, standardizing formats, and creating calculated metrics to ensure accurate analysis.
 - Built an interactive Power BI dashboard featuring dynamic visualizations to highlight top-selling products, peak sales periods, and customer demographics.
 - Enhanced usability with filters, tool-tips, and drill-down capabilities, enabling stakeholders to explore data granularity and make informed decisions—resulting in sales boost and improved inventory turnover.

CERTIFICATIONS

- [Power BI Data Analyst Associate](#)
Issued by Microsoft | April 2025
- [Azure Fundamentals](#)
Issued by Microsoft | February 2025
- [AWS Cloud Quest](#)
Issued by Amazon Web Services | September 2024
- [AWS Academy Cloud Security Foundations](#)
Issued by Amazon Web Services | November 2023
- [Tableau Fundamentals](#)
Issued by Tableau learning | June 2024
- [Data Analysis](#)
Issued by LinkedIn and Microsoft | November 2024
- [Hands-on Essentials in Snowflake](#)
Issued by Snowflake | August 2024
- Capstone: Retrieving, Visualizing Data, Programming with Python | [Python Data Structures](#)
Issued by Coursera | April 2020
- [Become a Linux System Administrator](#) | System Administration and IT Infrastructure Services
Issued by Coursera | November 2022

REFERENCES

Available Upon Request