

JOHN LE

PROFESSIONAL SUMMARY

Data Engineer with experience in deploying effective and efficient solutions on Azure Cloud. Certified as a Microsoft Azure Data Engineer and Azure Security Engineer. Pursuing positions for Data Engineering and Data Analytic.

SKILLS & ABILITIES

Languages: Python (Pandas, NumPy, Matplotlib/Seaborn, SQL Alchemy libraries), SQL, T-SQL

Databases: PostgreSQL, MySQL, Microsoft SQL Server Management Studio, MongoDB

ETL: PySpark, Databricks, Azure Data Factory

Tools: Visual Studio Code, Tableau, Power BI, Azure DevOps, Azure Boards

Certifications: Microsoft Azure Data Fundamental, Microsoft Azure Data Engineer Associate, Microsoft Azure Security Engineer Associate

PROFESSIONAL EXPERIENCE

06/2021-11/2022 **Data Engineer**, Talent Path

- Contracted to Phillips 66 – Houston, TX
- Collaborated with the business analyst and enterprise data engineering team on the development of an ELT pipeline migrating data from vendor's S3 bucket into the enterprise azure environment, making data available for ad hoc reports.
- Streamlining workflows and developed the CI/CD pipeline with Azure ADO that automates the creation of the test, build, and deployment rings.
- Maintained pipelines using Azure Data Factory and Databricks for databases/data warehouse used for 50+ daily reports in Power BI/Tableau dashboards.
- Developed a dashboard that displayed metrics and KPI that cut weekly manual data cleaning process by 6 hours with Alteryx and visualized insights on Tableau.
- Contributed and produced queries/reports to clients from production leveled databases based on specific business need.
- Utilized SQL, Python, Excel, and Power BI in data extraction, cleaning, and data wrangling to create business intelligence solutions and reports.
- Designed and implement ETL workflows via Azure Data Factory (ADF) and Databricks to extract, transform, and load data from On-Prem Databases, blob storages, and other data sources into Data Warehouses to be used for in-house Power BI reports.
- Set up security infrastructure on dashboard views and user access for Power BI dashboards based on Row Level security and Azure AD Groups.
- Optimized existing SQL Server stored procedures and views for business needs to improve performance on reports.
- Performed Data Modeling (Conceptual, Logical, Physical) such as Star and Snowflake schema models to maintain different dimensions and facts.

02/2021-05/2021 **Data Analyst Consultant**, Talent *Path*

- Trained and used analytic tools to create insights using dashboard tools such as Python, SQL, Tableau, Power BI, and MS Excel.
- Prepared dashboards and reports using Python Packages such as Pandas, NumPy, Seaborn, and Matplotlib for an overview of the analytical models and results.
- Designed and implement data profiling and quality improvement solutions to SQL database for analyzing cleansing and consolidating data for dashboards in Tableau/Power BI.
- Developed python scripts for data extraction and data cleansing for automating data sampling process.
- Experienced in using Power BI premium and Power BI Pro along with DAX formulas used to troubleshoot complex calculations and measures.

EDUCATION

Jan 2019 - Dec 2020 Bachelor of Business Administration (B.B.A.) - Management Information Systems
University of Houston Downtown, Houston, TX

PROJECTS

Global Mart Cloud Migration

- Analyzed specific data types and structure client supplied to the team then create the data architecture for ETL pipeline
- Ingested the data using Azure data factory and transformed the data using databricks to load into the Azure Cloud using Azure Synapse Analytics for data modeling and warehousing with the data visualized in Power BI.