

CAREER PROFILE

Highly skilled and dedicated professional with 2.7 years of work experience in the field of Data Engineering, Data Analytics, Business Intelligence. Seeking a challenging position to utilize my expertise in Qlik, Tableau, Power BI, Big Data fundamentals, data warehouse, AWS, data modeling, ETL process, Machine learning techniques and web analytics using Matomo.

EDUCATION

University of North Texas | Denton, TX

Expected May 2024

Masters | Advanced Data Analytics

Relevant course work: Data Visualization, Data Analytics, Discovery and Learning with Bigdata, Harvesting, Storing and Retrieving Data, Data Modelling.

- Pursuing a master’s in advanced data Analytics, specializing in Data processing, database management, ETL processes, Big Data, and data visualization techniques, highlighting a comprehensive skill set in data engineering.
- Engagement in practical projects utilizing SQL and Python for efficient data extraction, transformation, and loading (ETL), aligning with core data engineering practices.
- Development of a thorough understanding of data warehousing and data lakes, equipping for large-scale data aggregation and storage solutions.
- Completion of projects in predictive analytics and data visualization, leveraging Python, R, and Tableau to derive insights from complex data sets.

TECHNICAL SKILLS

Languages: C, Python, SQL

Databases: MySQL, Oracle

Cloud: AWS

CI/CD: Git Hub

Other Skills: Nprinting, ETL, RDBMS

Machine learning, GCP, ArcGIS Pro, Customer Service

Big Data: Hadoop, Hive, Informatica

Tools: Visual Studio, Jupyter Notebook, Jira

Libraries: Numpy, pandas, Sci-Kit Learn

Data Analytics: Statistics, QlikSense, Tableau, PowerBI

Web Analytics: Matomo

EMPLOYMENT EXPERIENCE

Accenture Private Limited, Hyderabad, Telangana

Dec 2019 June 2022

Project: BMW BI

Technologies and Tools: QlikSense, Tableau, PowerBI, Matomo, Python, SQL, ETL

- Gathered data from PostgreSQL, Web, Excel, and other data sources. Transformed the data and produced reports using the Power BI platform, optimizing dashboards with a focus on usability and performance.
- Executed ETL processes in Power BI by merging and appending queries, as well as removing, splitting, and selecting the necessary columns to ensure data quality and relevance.
  - Designed and implemented dynamic data models with DAX to create complex calculations, enhancing report accuracy and providing deeper business insights.
  - Created KPIs to delineate actual performance from forecasts, aiding in strategic planning and operational efficiency.
  - Connected to diverse data sources using Power BI Desktop, crafting a variety of visualizations to communicate data-driven narratives effectively.
  - Utilized Power Query to pivot and unpivot the data model, streamlining data cleansing and preparation processes.
  - Collaborated with cross-functional teams to streamline data collection, reducing report

development time, and fostering better cross-departmental cooperation.

- Improved dashboard interactivity, which led to increased user engagement and a more intuitive data experience for end-users.
- Developed optimized QlikSense applications, focusing on data model efficiency and dashboard performance to enhance data analysis and reporting accuracy.
- Customized QlikSense dashboards and reports according to business requirements, integrating advanced database programming and SQL queries for robust data interaction.
- Automated reporting jobs using NPrinting designer and server, delivering precise and timely reports in various formats including pixel-perfect, Excel, Word, and PowerPoint.
- Installed and configured QlikSense in both development and production environments, ensuring robust platform functionality.
- Managed the Qlik Management Console, streamlining task management and automating failure checks for efficiency.
- Maintained 60+ QlikSense and QlikView servers, overseeing system health and performance.
- Handled QlikSense version upgrades and migrations, ensuring smooth transitions and system integrity.
- Gained proficiency in leveraging Tableau's analytics capabilities to uncover trends, patterns, and insights from complex datasets.
- Developed skills in customizing Tableau visualizations to cater to specific business needs, enhancing the decision-making process.

## PROJECTS:

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### American Airlines

Jan 2023

- The main objective was to predict the total number of bags in each sortation six hours before scheduled departure flights.
- Collaborated directly with American Airlines team members to understand industry-specific challenges and requirements.
- Delivered an interactive data-driven presentation to American Airlines professionals, effectively communicating project findings and solutions.

### Walmart Retail Data Analysis Project

Aug 2022

- Utilized Tableau to visualize Walmart's sales, profits, and discounts across regions and states.
- Cleaned and prepared data using Python, addressing null values for accurate analysis.
- Created an interactive dashboard with tailored visualizations, including state-wise profit maps and sales parameters, enhancing user engagement and data insight.

## REFERENCES:

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- **Walsh Leah, Community Director, University of North Texas.**  
Residence and Housing, Division of Student Affairs  
[Leah.Walsh@unt.edu](mailto:Leah.Walsh@unt.edu)
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