

# Maurice Whitt

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## DATA ANALYST

Versatile professional with a robust background encompassing expertise as a Data Analyst and Database Administrator. Demonstrated proficiency in transforming intricate datasets into actionable insights, optimizing business processes through data-driven strategies. Adept at database administration, ensuring reliability and performance. Proven track record of contributing to informed decision-making and successful project outcomes. Seeking to leverage this comprehensive skill set in a dynamic role that values a holistic approach to data management and analytics.

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## PROFESSIONAL EXPERIENCE

### NHS Management, LLC Database Developer

Oct 2022 - May 2024

- Proficiently managed SQL Server and Oracle databases, ensuring optimal performance, reliability, and security.
- Implemented and maintained robust backup and recovery plans, guaranteeing data integrity and minimizing downtime during system failures.
- Developed and fine-tuned complex SQL queries, enhancing overall database performance and reducing query execution times.
- Conducted regular audits to verify the integrity of time and attendance data and adherence to privacy policies
- Conducted successful capacity planning assessments, ensuring databases met current and future requirements, preventing performance bottlenecks.
- Maintained detailed documentation for database configurations, procedures, and troubleshooting steps, facilitating knowledge transfer and team collaboration.
- Successfully planned and executed database upgrades and patching, keeping systems current with the latest features and security enhancements.

### Rural Sourcing Inc Data Analyst

Oct 2020 - Oct 2022

- Optimize data warehouse and data marts using T-SQL and SSIS
- Automate task use SSIS via Visual Cron, enhance existing ETL processes, and upgrading and migrating infrastructure
- Document the pharmastar systems, including reports, ETL, and monthly Executive Reporting
- Provide system knowledge and transparency to Tabula Rasa HealthCare Team by having regular discussion about the system, walkthroughs of Visual Studio with SSRS and SSIS, walkthroughs of documentation, and ticket deployment.
- Work independently and as part of a team, with the flexibility to accommodate collaboration with team members
- Manage multiple concurrent projects with multiple deadlines, ensuring completion per project budgets and timelines
- Worked with detailed healthcare data including but not limited to claims, member enrollment and carrier information.
- Involved in query optimization for faster processing of queries. Designed and tested (Unit, Integration and Regression) packages to extract, transform and load data using SQL Server Integration Services (SSIS).
- Merge Joins, Multicast, Conditional Split, Derived Column, Data Conversion Task. Created SSIS packages that loaded Hyperion Financial data into SQL Server databases
- Wrote and optimized SQL queries and stored procedures, user-defined, functions, triggers, indexes and views.

**Oldcastle Materials Incorporated**  
**Business Intelligence Developer**

**Feb 2019 - Oct 2020**

- Conduct requirements gathering sessions with business stakeholders, develop business, technical requirements, & test plans
  - Design and develop enterprise and departmental business intelligence, data warehousing and reporting solutions
  - Function as part of On-Call team to monitor production
  - Created data models to show key components of source systems and perform profiling of source data
  - Developed Tableau data sources to create Tableau reports
  - Worked on SQL Server Integration Services (SSIS) to integrate and analyze data from multiple homogeneous and heterogeneous information sources (CSV, Excel, Oracle DB, and SQL).
  - Worked on SSRS Reports Designing using Table, Matrix, Parameterized
  - Reports, Sub Reports, Drill Down, Drill Trough Report, and Link Reports.
  - Worked with various Task Such as Sequence Container, for each Loop Container, Data Flow, Execute SQL Task, send Email Task, Lookups.
  - Designed the data model based on star schema and created the tables and indexes and developed the scripts to load the data mart tables.
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## **CERTIFICATIONS**

**Microsoft Certified: Azure Database Administrator Associate , June 2024**

**Microsoft Certified: Azure Data Engineer Associate , June 2024**

**Microsoft Certified: Azure Data Scientist Associate , October 2024**

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## **EDUCATION**

**LTV Academy**

**May 2018 – Jan 2019**

- Proficient in Agile methodology and Scrum practices, facilitating streamlined project workflows and fostered collaborations among cross-functional teams to deliver high-quality results within designated timelines.
- Employ Azure Machine Learning to create, train, and validate machine learning models. Utilize Azure's scalable resources for managing extensive datasets and intricate computations.
- Utilize Azure's integrated tools, like Azure Synapse Analytics and Power BI, for in-depth data analysis and crafting visualizations that drive insights from the data.
- Design and execute Extract, Transform, Load (ETL) processes using Azure Data Factory. Transform and prepare data to align with the requirements of machine learning models.
- Utilize advanced analytics and AI methods to extract valuable insights from data and make precise predictions, encompassing techniques ranging from regression analysis to deep learning.
- Transform trained machine learning models into APIs, deployable for production purposes using Azure's services for Model Management and Deployment.
- Architect and implement effective data science solutions in the Azure cloud environment. Capitalize on Azure's scalability and adaptability to meet diverse project demands.
- Implement automated machine learning (AutoML) procedures using Azure's AutoML features. This streamlines model selection and hyperparameter tuning, enhancing efficiency and results.
- Guarantee data security and adherence to regulations while handling sensitive data within Azure. Enforce secure data access protocols and uphold data privacy.
- Leverage Azure DevOps or GitHub for collaborative endeavors in data science, ensuring version management, ongoing integration, and continuous deployment (CI/CD) for data science projects.

**The University of Alabama**

**Aug 2012 - May 2016**

Bachelor of Science in Chemical Engineering

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