

Luke McConnell

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PROFESSIONAL SUMMARY

With a goal of solving modern business problems using data-driven decision making, I help businesses turn their databases, spreadsheets, and applications into enterprise scale analytics platforms. Leveraging cloud resources to automate processes and predictions, I help empower company leaders with decision making tools. I am a continual learner with a passion for the technology that allows everyone to be a data scientist.

EDUCATION

University of Tennessee, Haslam College of Business
Bachelor of Science, Business Analytics
Master of Science in Business Analytics

Knoxville, TN
May 2019
December 2020

EXPERIENCE

LBMC, *Data Services Manager*, Brentwood, TN March 2022– Present

- Leads a team of 6 internal and contractor data professionals responsible for data strategy and analytical workloads across the LBMC Family of Companies
- Architects the enterprise cloud data warehouse, consolidating data from 25 structured and unstructured sources using Azure Data Factory / Synapse Analytics to model into STAR schema reporting models for consumption in Power BI Premium
- Administers the organization's Power BI tenant with 100 workspaces, 200 reports, and 250 monthly active users
- Maintains core company data processes, including billing data transfers, system to system API integrations, and financial reporting automation using Python, SQL, and Azure Logic Apps
- Provides solution architecture expertise by implementing CI/CD pipelines using Azure Pipelines, Bicep infrastructure as code designs, and governance through Azure policy
- Drives digital transformation by leading RPA development projects to increase process efficiency using machine learning and automation

LBMC Data Insights, *Business Intelligence Consultant*, Brentwood, TN June 2020 – February 2022

- Practices agile scrum development processes to deliver enterprise-scale data platforms and analytics solutions in the healthcare, manufacturing, and retail industries using cloud-based analytics tools
- Creates scalable data warehouses using SQL, Python, PowerShell, Azure Data Factory, and DAX to extract, normalize, and store gigabyte scale datasets
- Communicates business stories using data tools such as Power BI, Analysis Services, and Azure Machine Learning Studio
- Implements software development best practices using development tools including Git, Azure DevOps Pipelines, ARM, and Bicep

OTHER EXPERIENCE

GRADUATE TEACHING ASSISTANT

August 2019 – May 2020

- Aided with teaching undergraduate courses in Data Mining (BAS 474) and Regression Modeling (BAS 320)

SKILLS

Computer: SQL, DAX, Python, R, PowerShell, Git, Azure DevOps, Microsoft Azure (Bicep), Microsoft Power Platform

Certifications: Azure Solution Architect Expert, Azure Enterprise Data Analyst Associate, Azure Administrator Associate, Azure Database Administrator Associate, Azure Data Science Associate, Azure Data Engineer Associates, Power BI Data Analyst Associate, Azure Data Fundamentals, Azure AI Fundamentals, AWS Cloud Practitioner

PROFESSIONAL ACCOMPLISHMENTS

Sigma Nu Fraternity (IFC Chapter President of the Year & Past Vice-President)

August 2015 – May 2019