Matt Ryder

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# Education

## Syracuse University, Syracuse, New york

* Master of Science: Applied Data Science
* July 2020 – June 2021
* GPA: 3.556

## Drake university, Des moines, iowa

* BSBA: Data Analytics and Actuarial Science

# Programming Languages

* R
* SQL
* Python
* AWS (Amazon Sagemaker)
* Tableau
* PowerBI
* ETL/SSIS
* Excel

# Project Experience

* Database Management- Designed a database using data of my choice with an Access connection for visualization (SQL Server)
* Intro to Data Science- Used a Support Vector Machine, Random Forest, and Naïve Bayes Classifier to determine loan eligibility for bank customers (R Studio)
* Data Warehouse- Clean and merge data from 2 host databases with overlapping customer data to form a single customer list in a master database with PowerBI visualizations (Visual Studio, SSIS, PowerBI)

# Work Experience

## Data Quality Analyst | Global Atlantic Financial Group | 3/2021- Present

* Support data governance by resolving data quality issues, working with business groups to prioritize failures, and comply with company policies and procedures
* Work with business groups to implement new data quality controls in SQL
* Monitor failures of data quality rules and triage failures

## Data analyst intern | tractorzoom | 10/2019 – 8/2020

* Use MySQL Workbench to determine state of current data in terms of model readiness
* Utilize AWS and machine learning techniques to build predictive models
* Create infrastructure as code and serverless applications for AI/ML development

## grassroots Referee | USSF referee program | 1/2020 – present

*Grade 7 Referee: 1/2016 – 12/2019 | Grade 8 Referee: 1/2014 – 12/2015 | Grade 9 Referee: 3/2012 – 12/2013*

*Soccer Referee @ NFHS: 3/2017 – Present | Referee @ NISOA: 7/2019 - Present*

* Ensure the laws of the game are applied appropriately and maintain player safety
* Communicate effectively with my crew in order to make appropriate and consistent decisions