Spencer Buckner

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TECHNICAL & SOFT SKILLS

Python| SQL | HTML | Snowflake | Tableau | Matplotlib | Seaborn | Git | GitHub | Pandas | NumPy | Scikit-Learn | Data Cleaning | ETL/ELT | AWS (S3, Glue, Lambda, CloudWatch, SNS, Redshift) | Azure Dev Ops | Autosys | Excel: VLOOKUP, Pivot Tables, Cond. Formatting | Hadoop | Query Optimization | Data Profiling | Microsoft Office | Problem Solving | Critical Thinking | Adaptability | Time Management & Organizational

PROFESSIONAL CERTIFICATES

AWS – Certified Cloud Practitioner   **May 2022**

WORK EXPERIENCE

SkillStorm   **February 2022 – November 2022**
Data Engineer
- Assigned on project to AbbVie Commercial Data Lake Patient Services Build team
- Plan/Develop/Deploy/Monitor ETL projects following SDLC standards using Azure DevOps and Autosys
- Debug batch file uploads in 1.0 (Hadoop) and 2.0 (AWS EMR) environments, primarily using putty
- Review queries within Snowflake and Hue to solve issues regarding efficiency and erroneous data

North American Insurance Services (formerly North American Life Plans)   **June 2018 – April 2020**
Commissions Manager/Analyst
- Partnered with application development team using Agile methodologies to implement and bring live new scalable ERP (Commissions Engine) supporting 100% year over year growth
- Improved time efficiency of workload through introduction of more efficient procedures and reduced number of hours required to complete weekly assignments from 60 to 20
- Developed new commission data flow for 1500 agents from raw data provided by 25 insurance companies into a single format for better understanding and data analysis purposes

PROJECTS – My GitHub

AWS ETL Pipeline
- Developed and created automated ETL pipeline using AWS services including S3, Glue, Lambda, CloudWatch, SNS, Event Bridge, S3/Glacier, and Redshift
- Project moves data from initial off prem RDB into Redshift Warehouse seamlessly with built in error handling to notify developer on errors/problems with SNS

UN Word Happiness Analysis
- Worked in a team of 3 with primary role to perform exploratory data analysis and model creation
- Performed exploratory data analysis within Jupyter Notebooks and created Tableau dashboard for better understanding of relationships within data
- Created 8 models split within Regression and Classification utilizing Neural Networks/KNN/Log Reg/ Random Forest models for predictions

EDUCATION

General Assembly - Data Science Immersive   **Jan 2022**
- 12-week full-time immersive (480+ hours) educational program focusing on Data Science technical skills: Python, SQL, Data Cleaning, Data visualization, Supervised/Unsupervised Learning, Web-scraping, Natural Language Processing, Time Series Analysis, Statistics and Probability

Texas Tech University - Bachelor of Business Administration, Finance   **May 2016**