

TYLER J. HIMES

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Data Scientist

PROJECTS

Participated in Kaggle competition by creating neural network using machine learning in Python
Enhanced machine learning algorithm in three-member team using Python and SQL to wrangle data and perform feature engineering
Utilized Python to standardize data and generate time series analysis in four-member team to evaluate trends and correlations
Presented regression analysis in six-member team using R to examine dataset and extract insights
Initiated eight team data analytics projects involving data manipulation, statistical modeling, and reporting using Tableau, Python, and Excel
Led team of four in analyzing data using VBA and SASS to provide insight in making data-informed decisions
Created various dashboards, reports, and storyboards using Tableau, Power BI, SSMS, and SSRS to visually present data for analysis
Exposed API using Python to gather, process, and export data for visualization in Tableau
Implemented program in Laravel to expose API, schedule regular data extraction, and create interactive dashboard for users

WORK EXPERIENCE

- Analytics Engineer***, Health Catalyst, South Jordan, UT Nov 2021 – Present
- Converted 5 complex dashboards used by executives and doctors from QlikView to Tableau in 5 months
 - Refactored SQL queries for optimization and standardization
 - Developed dashboard used for trend analysis
- Programmer Analyst II***, Utah State University Controller's Office, Logan, UT Jun 2017 – Nov 2021
- Self-taught PHP to recreate application enabling enhanced security and features
 - Automated 15+ tasks to eliminate recurring responsibilities and ensure data accuracy
 - Wrote customized, complex SQL queries to develop 20+ dashboards and reports
 - Programmed routine process saving accountants two days' work
 - Collaborated with team to create innovative ways to view and report tailored dashboards
 - Enhanced and maintained website accessed regularly throughout organization to streamline business processes using PHP, HTML, JavaScript, jQuery, and Tableau
- System Technician***, Utah State University Controller's Office, Logan, UT Nov 2016 – Jun 2017
- Updated information in relational databases with sensitive data on regular basis to ensure accuracy and maintain data integrity
 - Utilized SQL queries to solve problems and manage and retrieve data
 - Automated administrative work and managed data using Argos to maximize efficiency

EDUCATION

- Master of Data Analytics*** Dec 2020
Jon M. Huntsman School of Business, Utah State University, Logan, UT GPA: 3.93
- Lead Student Research Assistant, Huntsman Analytics Solution Center
 - President, Business Intelligence Group
 - Team leader, Business Intelligence Group
- B.S., Management Information Systems*** May 2017
Jon M. Huntsman School of Business, Utah State University, Logan, UT GPA: 3.27
- Maintained strong GPA while working 16-32 hours per week
 - Member, Association for Information System
 - Member, Business Intelligence Group

TECHNICAL SKILLS

Data science: Python, R, Tableau, Regression, Machine Learning, TensorFlow, PyTorch
Other: SQL, DBMS, SSMS, SSRS, PHP, Laravel, HTML, JavaScript, jQuery, VBA, QlikView