

# TYLER J. HIMES

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## Machine Learning Engineer at Pluralsight

### 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
  - 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