

Kyle Johnson

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Data analyst and Wharton Business School graduate with a passion for learning and currently embarking on a new career. Skills in Python, R, SQL and JavaScript and visualization techniques from University of Kansas Data Analytics Bootcamp. Excellent communication skills and ability to interact with a wide variety of audiences. Seeking to use business knowledge and previous experience operating a custom manufacturing company in conjunction with news skills to provide insightful and actionable analysis.

Professional Summary

Kingston Printing

President

May 2014 - April 2022

Eudora, KS

- Oversaw company performance and 60 employees
- Increased revenue 400% and employee count by 300%
- Modernized accounting department, reduced cost by 33%

Kingston Printing

Vice President

Jan 2003 - May 2014

Eudora, KS

- Created and maintained relational database system in Filemaker Pro
 - Estimating, Order Processing, Real Time Production Data, Scheduling, Invoicing
 - Created API workflows using JSON and XML to automate communication with vendors
- Hire, train and retain staff
- Redesigned prepress workflow implementing automation, reduced employee count by 40%
- Analyzed and affected equipment acquisitions, increasing capacity and reducing cost.

Technical Skills

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- Expert user: Excel (Pivot Tables, VBA), Access, Adobe Creative Suite, Filemaker Pro, Quickbooks Pro
 - Familiar with: Python, Pandas, JavaScript, R, XML, JSON, PostgreSQL, MongoDB, AppleScript, Tableau, Tensorflow

Projects

Effects of Climate on Wine | <https://wineclimate.herokuapp.com/>

Group

- The purpose of this project is to determine if there is a relationship between climate and the quality of wine, and if so what the future effects of climate change might have on wine quality.
- Used Python and Pandas to clean data and SQLAlchemy to add it to a PostgreSQL database.
- Used Sci-kit Learn to build linear regression model and Tensorflow/Keras to create a deep learning model.
- Created dashboard with html, javascript and flask, with elements created in leaflet.js and plotly.

Invoice Processing

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- Used RESTful API to retrieve JSON data to create records in filemaker tables
- Records were coded and updated in filemaker, then transferred to Quickbooks automatically via XML
- Reduced labor expense by more than one full time employee equivalent

Education

University of Kansas Data Analysis Bootcamp
Certificate

Lawrence, KS

Wharton School of Business, University of Pennsylvania
Bachelor of Science in Economics

Philadelphia, PA