**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** May 2014 - April 2022

*President* 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** Jan 2003 - May 2014

*Vice President* 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**

* 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 PostgresSQL 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**   
Kingston Printing

* 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 Lawrence, KS

Certificate

Wharton School of Business, University of Pennsylvania Philadelphia, PA

Bachelor of Science in Economics