Stephen Riehl

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Portfolio

LinkedIn

Github

Dedicated and disciplined data scientist and ultra-marathoner with a penchant for writing algorithms and creative problem solving.

SKILLS

Python	R	SQL
Machine Learning	Natural Language Processing	Tableau
Excel (VB)	Data Wrangling	Statistical Analysis
Benchmarking	Web Scraping	System Automation
Business Intelligence	Microsoft Suite	Predictive Analytics
Pandas	SKlearn	BeautifulSoup
Numpy	Matplot	Seaborn

EXPERIENCE

GENERAL ASSEMBLY
DATA SCIENCE IMMERSIVE
2021

• Applied data analysis and data visualization skills in a 500-hour immersive course.

• Completed 35 labs and 5 projects, leveraging data science best practices to solve real-world problems, using coding (Python, NumPy, SciPy, Pandas, SciKit-Learn, Git, SQL) and data visualization, including analysis of SAT and ACT participation with the goal of identifying the state that is most in need of help to increase participation rates in the SAT and ACT.

• Developed a Natural Language Processing model to identify bias in texts, using statistical methods and modeling, including data collection, sampling, and hypothesis testing.

• Collaborated with two data scientists to predict Covid-19 infection rates using machine learning--including regression, classification, and feature engineering.

THE CHEFS WAREHOUSE
SENIOR SUPPLY CHAIN ANALYST
2016 - 2020

- Created an inventory monitoring process that reduced on hand inventory by 1.8 million dollars within a 7-month period.
- Led teams, including finance, IT, HR, operations, and procurement, through collection of requirements in order to define priorities and determine action steps to seamlessly convert ERP systems
- Automated reporting by optimizing queries that resulted in reducing total reporting run time by 15 weeks annually while saving $250K in overhead expenses.
- Extracted, cleaned and translated over 1 billion rows of data across 7 ERP systems and 4 SQL servers housing hundreds of databases and thousands of data tables.
- Wrote algorithm in SQL that monitored customer purchases and notified sales reps when customers stopped ordering regularly purchased items ultimately preventing the loss of $100K in sales per year.
- Played key role in the creation and implementation of Extract Translate & Load (ETL) system:
  - Collected data requirements from all departments.
  - Identified source of data for all information needed.
  - Ensured all data was transformed properly before being loaded into data warehouse.
  - Assisted in setting up data marts for all departments and identified those who needed access.
  - Provided necessary tools and training to those who were analyzing and consuming the data.
- Wrote algorithm in SQL that calculated the most cost-effective method to transport material from one location to another reducing transportation and inventory holding costs by $50K per year.
- Created dashboards in Tableau for all stakeholders and board meetings.
- Performed regular ad hoc analysis on diverse subject matters, including sales, operations, supply chain, and more for VP of Purchasing and Vice Chairman.
- Oversaw continuous review and analysis of purchase order activity.
- Developed plans based upon functional inputs for assigned suppliers that drove supply chain efficiency and cost management.

THE CHEFS WAREHOUSE
PROCUREMENT OPERATIONS MANAGER
2016 – 2020

- Led the Procurement Operations staff responsible for managing 35,000 unique items and creating an additional 100 unique items every week.
- Managed item life cycle process by:
    - Writing SOPs for approval of new item creation and existing item deactivation.
    - Working with in house developers to automate this approval process by integrating it into the ERP systems and giving visibility to everyone involved in the request, creation, purchasing and selling of new items.
    - Creating a ledger to monitor and flag unauthorized changes to item attributes in an effort to ensure data integrity.
    - Creating system to calculate "ABC" items.
- Led SaaS integration project for collecting, vetting, updating and storing spec sheets and other required item attribute information. Before this project, item attribute information was missing on 28,000 (80%) of all items. 1 year after implementation, the majority of that information had been collected and administrative overhead was reduced by $120,000.
- Led project for the creation of parent/child supplier numbers and working with ERP developers to link these numbers together across all systems.
- Led similar project for creating parent/child relationships for all items.

THE CHEFS WAREHOUSE
SUPPLY CHAIN ANALYST
2016 – 2020

- Re-wrote queries and automated reports resulting in a 4-week reduction in run time per year.
- Wrote "profit margin" algorithm that increased price on items to a level that was tolerable in that market. This resulted in a 1 – 8% increase in profit margin depending on the item.
- Gathered data from various systems and sources to perform analysis, forecasting, and business impact reviews.
- Created company-wide benchmark reports and interpreted results in order to improve overall operations.
- Worked closely with operations, facilities, finance, and legal teams, creating ad hoc reporting and relaying conclusions to senior executives.
- Supported special projects, and process improvement initiatives such as:
    - Acquisition integration.
    - Capacity planning.
    - Transfer network optimization.
    - Modifications to ERP systems

UNIVERSAL MUSIC GROUP
HARLEY DAVIDSON MERCHANDISING DIVISION
APPAREL PRODUCTION AND SUPPLY CHAIN MANAGER
2014 – 2016

• Managed vendor relations and negotiated lower cost of goods purchased which has resulted in a savings of $60,000 per month.
• Reduced dead stock inventory by 200,000 units by repurposing a portion of that inventory and selling the rest to wholesalers.
• Reconciled inventory discrepancy of 400,000 units between 3 separate ERP systems.
• Purchased and managed 20 million worth of inventory.
• Created and managed 650 new SKUs every 90 days.
• Reduced holding costs by 40%.
• Tripled inventory turnover ratio by reducing inventory through improved purchasing strategies.
• Created sales and production forecasts.
• Established several supply chain networks in China, Bangladesh and India.
• Worked closely with third party vendors responsible for warehousing and producing goods.
• In charge of all new product development projects.
• Oversaw quality control on all goods
• Drafted service level agreements to hold vendors accountable for any transactional failures.
• Wrote procedure manual to standardize all processes which begin with an initial concept from R&D and ends with final production of the product.
• Expanded our supplier base to stay price competitive while using strategic sourcing methods to increase purchasing power.
• Managed and adjusted enterprise resource and B2B systems.

EDUCATION

GENERAL ASSEMBLY - **2021**	**DATA SCIENCE IMMERSIVE**
EMPIRE STATE COLLEGE - **2015**	**B.S. BME – LOGISTICS MANAGEMENT**

WESTCHESTER COMMUNITY COLLEGE - 2010	**A.A.S – LIBERAL ARTS**
RUTGERS UNIVERSITY IN PARTNERSHIP WITH LOCKHEED MARTIN - 2015	**LEAN SIX SIGMA PROGRAM**