Noah Rezsonya

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Experience

Supply Chain Cost Analyst, Pure Storage *Mountain View, CA   02/2020 - Present*

- Responsible for **Purchase Price Variance/ Inventory Revaluation** with Contract Manufacturers for the company. Successfully ramped up and started to manage all CMs within the first quarter since joined.

- Established a streamlined manual PPV/IR model to identify and forecast manufacture components cost deltas between standard cost and actual purchase price by using Supply Demand Plan and negotiated component prices to support Supply Chain Mgmt. Team, FP&A and Cost Accounting Team for decision making initiatives:
  1. Initiated the first Tableau dashboard for the team to monitor the cost gaps and Bill of Materials changes on a quarterly basis by utilizing Tableau, Python, SQL.
  2. Located key contributors for cost gaps and identified cost saving opportunities for Supply Chain Management Team, Commodity Team, New Product Team and Finance Team. In Q1 FY21 alone, located **3.4 million** cost savings opportunity.
  3. Shortened the manual PPV/IR quarterly closing cycles by at least **178** labor hours for CMs and Finance Team through As-Is analysis using a whole year worth of PPV/IR data to prove new methodologies were ~ 20% more efficient.

- Managed the PPV/IR Automation Program to establish a highly efficient claiming process which saved at least 50% of the closing time and report turn-around time comparing with the manual process:
  1. As the last and only person in the company who knows the PPV manual process, initiated the first official SOP of the manual processes of PPV/IR together with the corresponding walk-through presentation for future employees.
  2. Generated Project before and after surveys for manufacturers to collect informations about their suggestions of ideal processes and their suggestions of the automated process.
  3. Collaborated with BI Team to set up final product interface, calculation logics, project goals, project checkpoints and milestones, testing process, CM training process and official publish time. Connected Pure BI Team with CM IT to set up data requirements and data injection frequencies for B2B datafeed.
  4. Cross validated with CMs before the Automation Tool went live on time and trained CMs on the usage of the PPV/IR Automation Tool.

Global Cost Analyst, Walmart International *San Bruno, CA   04/2019 - 02/2020*

- Established a sizing model to identify yearly total cost saving potential for Mexico market to prioritize cost-lowering negotiation planning by leveraging item level data from 68 departments, 198 categories and 4400 suppliers using Teradata, Alteryx and Python. The output was presented to CMO of this market to have a high level view of the potential cost saving of the market.

- Successfully performed data analysis on selected categories from sizing model to draw conclusions on items sales change, margin growth, vendor allowances change and price competitiveness in market. Created scorecards, calculated negotiation opportunities and created negotiation arguments through the outcome of the analysis. 11.4 million has been negotiated back which the final goal of FY19 of cost-lowering is 16.8 million.

- Developed a commodity model to track the commodity cost vs. Walmart cost trends across 27 categories and 49 suppliers through comparing monthly and yearly commodity cost against with Walmart Cost by using Alteryx, R, and Tableau. By creating this cost gap metric, helped to provide one more argument for buyers to use when negotiating with suppliers. Most recent identified saving amount on commodity cost is ~1.7 million USD.

Skills

Python(pandas, numpy, scikit-learn, BeautifulSoup, nltk, SpaCy), R, Alteryx, SAS | Teradata, PostgresSQL
Tableau, Python(matplotlib, seaborn), R(ggplot) | Linear Regression, Logistic Regression, k-Means

Education

Southern Methodist University *Dallas, Texas*
  Master of Science in Data Science - Specialized in Machine Learning and NLP - GPA 4.0 *2017 - 2019*
University of New South Wales *Sydney, Australia*
  Bachelor of Civil Engineering - Specialized in Transportation Engineering *2009 - 2014*