Josh Mark

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EDUCATION

The Ohio State University, Fisher College of Business   **Columbus, OH**
Specialized Master's, Business Analytics – 4.0 / 4.0 GPA   August 2019

Indiana University, Kelley School of Business   **Bloomington, IN**
Bachelor of Science in Business – 3.37 / 4.0 GPA   May 2015
- Majors: Operations, Marketing, International Business; Minor: Spanish

EXPERIENCE

Accenture   **Chicago, IL**
Data Science Consultant (Beverage Manufacturer Client)   July 2019 - Present
- Created causal impact model in R to determine impact of Ecommerce shopping feature on total store sales. Found 3-6% increase in sales from enablement, leading to prominent retailer enabling more stores with Ecommerce capabilities.
- Mined search terms for 5 Ecommerce retailers and recommended top 100 keywords for retailers to track and optimize product content, resulting in an improved search rank for 25% of keywords.
- Clustered 1,300 stores using sales and product attributes to identify a representative 5-store sample of retailer outlets for web traffic analysis and optimization.
- Developed Tableau dashboards to analyze Ecommerce sales, share growth for 10 global retailers.

Abercrombie & Fitch   **New Albany, OH**
Data Science Analyst – Enterprise Business Solutions   July 2017 – June 2019
- Built models of global direct to consumer shipments in R to predict packages shipped per order, resulting in a 15% shipping cost reduction, enabling Supply Chain to beat budgeted expenses
- Simulated with R 100+ fulfillment scenarios of Black Friday, Cyber Monday online orders to model stoppages in workflow; simulation predictions resulted in 98% on-time customer delivery
- Generated driver tree root cause analysis for historical Ecommerce orders, giving leadership team insight into types of orders causing packages to ship efficiently from multiple fulfillment centers
- Engineered 1.1B row dataset in R and created Hadoop data structure of entire company's stores to all global postal codes as foundation of a margin optimization tool for all ecommerce shipments

Abercrombie & Fitch   **New Albany, OH**
Associate Supply Chain Analyst – International Transportation   Aug 2016 – June 2017
- Spearheaded analytical reporting and shipment tracking through on-demand reproducible Tableau dashboards resulting in 20% faster ocean transit speed to delivery year-over-year
- Designed in R a breakeven model to evaluate all inbound shipments to determine the fastest, most cost-efficient mode of shipment while still meeting required arrival dates
- Managed 12 transport carriers' product delivery from 200 vendors to 6 global distribution centers

Crew Bottle Company   **Chicago, IL**
Data Scientist   Aug 2018 - Present
- Analyze survey responses from beverage industry experts to derive insights on prototype model
- Created cost and sales projections using industry data for initial funding proposals

WORK SAMPLES, PORTFOLIO
- Github: https://github.com/joshdmark
- Tableau Public: https://public.tableau.com/profile/josh.mark1510#!/