**MILAN SHERMAN, MS, EDD**

**DATA SCIENTIST**

Windsor Heights, IA ∙ (740) 317-6390 ∙ milansherman@gmail.com ∙ linkedin.com/in/milan-sherman

Results-oriented, highly motivated data analyst and scientist with experience in the grocery retail industry. Demonstrated success in being a data-centric thinker who enjoys using data and statistics to make better decisions, leading projects, growing teams, and solving complex technology problems. Collaborative, organized, and resourceful with a progressive career reflecting proven ability to execute on strategy to strengthen business models and strategic client partnership.

**CORE COMPETENCIES**

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| * Enterprise Data Analytics and Data Analysis * Business Process Design and Emerging Trends Analysis | * Data Visualization and Automation Tools * User Experience and Data Solutions Frameworks |

**PROFESSIONAL EXPERIENCE**

**DATA ANALYST** *promoted from Data Science Intern June 2019*  **June 2018 – Present**

Hy-Vee Grimes, IA

* Automated email marketing campaigns, and gather and analyze sales data to answer business questions and identify trends, developing metrics, including customer retention and Bayesian structural time series models, to measure impact and effectiveness of targeted customer engagement
* Initiate development of difference in differences regression model to measure impact of customer behavior by utilizing analysis of sales data to identify average difference in spend per customer and scale
* Spearhead customer lifetime value model development with analyst team of four using recency, frequency, and monetary segmentation to understand targeted marketing campaign, intervention, and behavior impact
* Develop deadlines for **5+** concurrent projects while assisting **5** team members in project progression using Agile methodology, including reviewing pull requests and organizing code to establish library of reusable algorithms and functions, as scrum master
* Author code to measure shift and effect size of package to identify sustained shift in product sales at category, subcategory, and brand level and understand sustained sales trend changes and shifts

**ASSOCIATE PROFESSOR August 2013 – June 2019**

Drake University Des Moines, IA

* Designed student-centered instruction for **9** mathematics and mathematics education courses, including Calculus and Modern Geometry, delivering **3** courses per semester, and publishing **18** peer-reviewed journal articles
* Created **79** instructional videos and guided group investigation activities to implement instruction emphasizing learning by doing

**ADDITIONAL EXPERIENCE**

**ASSISTANT PROFESSOR September 2011 – June 2013**

Portland State University Portland, OR

**EDUCATION**

**MASTER OF SCIENCE (MS)** – Data Science*expected* **November 2022**

Bellevue University Bellevue, NE

**DOCTOR OF EDUCATION (EDD)** – Mathematics Education **July 2011**

University of Pittsburgh Pittsburgh, PA

**MASTER OF SCIENCE (MS)** – Mathematics **August 2002**

University of Pittsburgh Pittsburgh, PA

**BACHELOR OF ARTS** – Mathematics and Theology **May 1992**

Franciscan University of Steubenville Steubenville, OH

**TECHNICAL PROFICIENCIES**

Microsoft Office Suite: Outlook, Word, Excel, PowerPoint | Google Suite (Workspace) | SQL | R | Python | R Markdown | ggplot | Power BI | GitHub | Docker | Google Big Query | Jira