TAYLOR BOSIER

Bosier83@gmail.com |402-984-9277|https://www.linkedin.com/in/taylorbosier/

EXPERIENCE

September 2021 - Present

Data Scientist, *Swift Transportation*

Developed models that help support subject matter experts make more optimal decisions

- Developed a LP model and API that pairs drivers to orders, based on constraints, pairs up to 85% of orders, thus allowing Planners more time for other duties
- Developed a NMF model to assign topics to survey comments, allowing end business user to contact customers to address driver concerns
- Created an API that finds orders within a 50-mile radius and assigns a rank, telling which orders the Planner should concern themselves with. Developing a LP model to choose a chain of orders
- Assessed analytically if ceasing a certain maintenance program impacted the number of OTR breakdowns, Causal Inference

June 2019 – September 2021

Decision Scientist, *Chain Link Services*

Conducted research and analysis of the warehousing, accounting, purchasing, and distribution sides of the business to provide cost-cutting impact

- Developed a warehouse sourcing procedure that reduced freight costs by $50k+ over 12 months
- Developed a procedure in allocating reserve stock, saving warehouse space and reducing stockout costs by 13%
- Used Gaussian mixture model to get inventory out the door 8% faster
- Improved warehouse speed by 16% through optimizing order picks

EDUCATION

New Mexico State University, *Las Cruces, NM*
May 2018: Master of Science in Mathematics
May 2016: Bachelor of Science in Mathematics

TOOLS AND INTERESTS

- Python
- SQL (Db2 / Teradata, Hadoop, SQL Server, ElasticSearch)
- Git
- Tableau

- Analytics, Statistics, Statistical Learning
- Optimization