hire@guslipkin.me

# Gus Lipkin

guslipkin.me
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## WHAT DRIVES ME

I've always loved asking 'how?' and 'why?' Since starting my journey as a data scientist, I've been able to answer 'how?' by developing tools to support my teammates, while answering 'why?' with analyses to support data driven decision making. I'm looking for a position where I can build a career using my skills to help my team and conduct meaningful analyses that inform business decisions and contribute to achieving company goals.

## EXPERIENCE

### Data Scientist — *Lander Analytics*

July 2023 - Present

### Data Analyst — *Publix Super Markets*

May 2022 - May 2023

- Develop novel analyses and models to provide key insights to business stakeholders including store managers
- Build and maintain internal **R** packages to aid in analysis such as 'publixdate' for working with Publix's system of dates or 'pubsub' for general utilities and a streamlined database connection interface
- Seek out and participate in strategic initiatives which require analytic support from across corporate
- Visualize data and create reports in **Power BI** to display model performance and facilitate data-driven decisions

### Data Science Project Team Lead — *Tallahassee Memorial Healthcare*

Aug 2021 - May 2022

- Correlate patient feedback and experience to readmissions using **linear regression** and **decision trees**
- Create an interactive training tool for nurses using results found in the analysis with **HTML** and **JavaScript**
- Work with capstone sponsor to define project timeline and goals and author a report on project findings

## PROJECTS

### Shrink Narrative Reports — *Publix Super Markets*

May 2022 - Aug 2022

- Built a fully automated reporting pipeline with R and **Python** in for **Spark** in a **Databricks** environment that delivers monthly PDF reports to all Publix stores to support goals to reduce retail shrink
- Analyzes store shrink metrics and provides actionable insights through targeted operations suggestions
- Built and implemented a **SQL** translation function leveraging the **tidyverse**, **dbplyr**, and **sparklyr** to expedite writing new targeted operations suggestions as operations leaders see demand
- Completed the project four months ahead of schedule and saved $85k per year in contracting costs

### Store/Item Activation Recommendations — *Publix Super Markets*

April 2023 - May 2023

- Implemented a **machine learning** recommendation system to optimize store/item availability combinations
- Accepts any combination of stores and items and imputes data for missing combinations
- Uses the **tidymodels** suite to cluster stores based on similar latent features from the recommendation process
- Pioneered "project as a package" for easier documentation, maintenance, legibility, requirements, and usability

## EDUCATION

### Florida Polytechnic University

Aug 2018 - May 2022

– *Bachelor of Science, Business Analytics with Concentrations in Quantitative Economics & Econometrics and Intelligent Mobility*