PARKER BARNES

🎓 EDUCATION

2022

University of Utah, Eccles School of Business
Master of Science, Business Analytics 📍 Salt Lake City, UT

3.95/4.0 GPA. Academic Scholarship, Lean Six Sigma Green Belt Certification

Capstone Project: ML tool predicting customer conversion in booking professional movers. Embedded in a custom R Shiny application

2020

Brigham Young University
BS, Statistics, emphasis in Data Science. 📍 Provo, UT

Double Minor in CS & Math. 3.8/4.0 GPA. Academic Scholarship

💼 PROFESSIONAL EXPERIENCE

Present | May, 2022

Data Scientist
Nursa™ 📍 Murray, UT

- Trained and deployed a machine learning model that predicts whether a job will be requested on our app. Deployed as an API using Docker and AWS
- Trained a personalized recommendation engine to optimize users' job feeds. Embedded in a shiny app to demo for stakeholders and will eventually be implemented in the product
- Developed internal R package that interfaces with company's databases
- Automated facility finance statements with RMarkdown and Shiny.
- Created an interactive Shiny dashboard that maps facilities and users.

May, 2022 | Dec, 2021

Data Scientist
PILYTIX 📍 Austin, TX

- Remodeled a client's A.I. pipeline by revamping SQL scripts to more accurately capture useful variables.
- Explored and visualized variables to assess their predictability.
- Trained and evaluated bayesian hierarchical models on selected variables to effectively predict "wins" and "losses" among sales opportunities
- Contributed to internal R packages and analysis framework to facilitate more efficient and standardized analyses across clients

Dec, 2021 | May, 2021

Data Analyst
International Academies of Emergency Dispatch (IAED) 📍 Salt Lake City, UT

- Processed data requests for various stakeholders in the company by querying databases and visualizing in Power BI
- Re-engineered automated data pipelines for company public-facing dashboards. Reduced memory usage and computation by 90% by applying STAR Schema principles.
- Automated agency data monitoring process using a combination of SQL, R, and 2 project management APIs

CONTACT INFO

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SKILLS

Specialized in R and the tidyverse

ML: tidymodels, H2O, DALEX

SQL: PostgreSQL, Redshift, T-SQL, dbplyr

Visualization: ggplot2, echarts4r, Power BI

Reporting: RMarkdown/Quarto, Shiny (rhino)

Pipelines: targets

MLOps: Github, Docker, AWS, plumber, vetiver

Other Skills: package development, Python (pandas, scikit-learn), Excel

This resume was made with pagedown.

Last updated on 2023-01-09.