

Benjamin C. Kirton

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Summary

Data analyst with a degree in applied math from Southern Methodist University. I have experience efficiently querying large datasets in warehouses such as snowflake and redshift to build visualizations and dashboards via tableau. In addition to building dashboards and providing insight via ad-hoc queries I am capable of designing large scale A/B tests and providing insight into the results. I have experience working with cross functional teams to design new features, tests, and KPI's to monitor. In my free time, I enjoy spending time outdoors with friends as well as playing tennis, basketball, and video games.

Technical Skills

SQL, Tableau, Python, Redshift, Git, Microsoft Office, Google Suite, Jupyter Notebook, Jira, datagrips, snowflake, pycharm, VScode

Projects

- This project is a web scraper utilizing BeautifulSoup, Splinter, MongoDB, and flask. The scraper obtains high-quality images from www.astrogeology.usgs.gov as well as other information and displays the results in a flask app.
<https://github.com/noops/mission-to-mars>
- This project is an interactive machine learning model deployed via flask and docker. It can be run locally, or the docker container can be viewed on any device.
<https://github.com/noops/sanFranCrimePredictor>

Work Experience

Sciplay

January 2022-Present

- Data Analyst. Provide data insights and participate in data-driven meetings on a weekly basis with various stakeholders. Manage A/B tests, and deliver analysis. Leverage multiple massive and complex data sets to identify trends and patterns. Develop analytics calls with cross departmental teams for new app features. Initiate, design, and monitor reports, KPI's, and product tracking to drive growth. Design and develop dashboards using SQL and tableau for various teams and in-app features.

Green Imaging

December 2020 – December 2021

- Data Analyst. Helped develop an internal database using PostgreSQL to store pricing and location information for over 1100 clinics. Performed quantitative analysis on medical claims data using Python and Excel. Developed utilization, savings, and census reports for internal and external stakeholders. Developed various python scripts to reduce reporting turnaround time. Developed dashboards using javascript, and visualizations using Python with Plotly. Extracted useful insights from healthcare data to provide savings to our customers.

Education

University of Texas

- Certificate in Data Analysis and Visualization

May 2020 - November 2020

Southern Methodist University

- *Dedman College of Humanities and Sciences*. Bachelor of Science in Applied Mathematics
- *Dedman College of Humanities and Sciences*. Minor in Philosophy

Leadership Experience

Telluride Ski and Snowboard School

November 2018-April 2020

- Taught children from ages 3-15 as well as adults how to ski. Responsible for their safety as well as providing mentorship. Class size ranged from 1-12 students on busy days. Gained valuable leadership skills and became an expert at staying calm and making rational decisions in high-pressure situations. Obtained Professional Ski Instructors of America alpine discipline level one certification.