

SUHAO YE

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OBJECTIVE

Looking for an opportunity as a Data Analyst. Experienced in SQL, and Python with focusing on driving insights from data.

EDUCATION

University of San Francisco

San Francisco, CA

M.S. in Applied Economics (STEM) (GPA: 3.64/4.00)

August 2020 – May 2022

University of Kansas

Lawrence, KS

B.A. in Economics

August 2015 – December 2019

SKILLS LIST

Programming Languages/Tools: SQL, Python, R, Stata, Tableau, Excel.

Skills: Machine Learning, Deep Learning, Seaborn, Matplotlib, Random Forest, Decision Trees, Statistic Models, Data Management, Optimization, Mathematical Modeling, Complex Analysis, Microeconomics, Macroeconomics, Econometrics, Neural Networks, Natural Language Processing, Pivot Table, VLOOKUP, XLOOKUP.

Related Coursework: Machine Learning, Econometrics, Data Visualization, Data Management.

Language Skill: Mandarin Chinese.

WORK EXPERIENCE

DeFiner Inc., Minneapolis, MN

Data Analyst Intern

August 2022-Present

- Submitted 10+ prices of blockchain tokens to the Dune Data Platform for future analysis.
- Documented the process of submitting the contracts on Dune and adding token price data through GitHub.
- Utilized SQL to query data, and built dashboards to display 10+ metrics related to distinctive areas of interest within departmental operations (Such as Daily Active Users) on the Dune Data Platform.
- Troubleshooting data quality issues.

RELEVANT PROJECT

Data Management Project (Using SQL):

- Used SQL to explore the SF Civic Art Collection dataset. Found the relationship between the number of artworks and the number of neighborhoods nearby the artworks correlated with longitude.
- Used queries to divide San Francisco into 10 same-range areas according to longitudes and summarize the number of artworks and the number of neighborhoods in areas of different longitudes.

Data Visualization Project (Using R):

- Used R to visualize a pet food company dataset. Created a plot to show order quantity for different brands and food tiers in the meantime.
- Created an animated plot to show order frequency for different pet food brands.

Applied Econometrics Project (Using Stata)

- Designed a pre-analysis plan to evaluate the effectiveness of melatonin by using different estimation methods based on the research paper.
- Used two estimation methods including Matching and Difference in Difference. After that, built models for the estimation.

Capstone Project (Using Python, ggplot)

- Designed a fixed-effect model to evaluate the impact of COVID-19 vaccinations on cases in the USA.
- Visualized the data for all states and the coefficients' trends with different numbers of week lagged.
- Found there is a positive effect of cases on vaccinations when the cases data lagged 7 weeks.