

Krissy Wong

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EDUCATION

Loyola Marymount University – Los Angeles, CA

August 2021 – May 2022

Master of Science in Business Analytics – Cumulative GPA: 3.81/4.00

Middlebury College – Middlebury, VT

September 2014 – May 2018

Bachelor of Arts in Economics

EXPERIENCE

Children's Hospital of Los Angeles (CHLA) – Los Angeles, CA

Capstone Project Participant

May 2022 – Present

- Improve predictive model from last year's project to minimize appointment cancellations/ no-shows.
- Strengthen simulation model using Python to optimize staffing to reduce costs and idle labor.

Loyola Marymount University – Los Angeles, CA

CA 100 Initiative Research Assistant

January 2022 – Present

- Code human assigned values to Amazon reviews to teach Natural Language Processing model to automate the process for large quantity of messages.
- Conduct data cleaning and exploratory data analysis using Python Pandas.
- Annotate visualizations created in R to compare CA region level economic growth from 2017 to 2019.

Loyola Marymount University – Los Angeles, CA

Rains Graduate Research Assistant

September 2021 – Present

- Collect, clean, label, and conceptualize large sets of data about education industry in California.
- Utilize MS Excel functions such as VLOOKUP, Power Query, and pivot table to clean and analyze data.
- Visualize trends using Tableau and present data insights to a non-technical audience.
- Publication:
Dell'Olio, F., Reilly, E. C., & Wong, K. (2022, June.) *Where are the BIPOC school leaders?: Using quantitative data for educational leadership equity.*

ACHIEVEMENTS AND PROJECTS

Charter vs Public Schools in Los Angeles County – Los Angeles, CA

January 2022 – May 2022

- Used Tableau Prep to conduct data manipulation and cleaning on millions of rows of California school data.
- Performed ETL to blend raw data from multiple sources and prepare it to be stored in a data warehouse.
- Built ERD diagrams to understand relationships between datasets and run SQL queries to extract insights.

reMarkable Project – Los Angeles, CA

January 2022 – May 2022

Participant

- Assessed data quality using Pandas to ensure accuracy, relevancy, completeness, timeliness, and consistency.
- Created prototypes of dashboards on Tableau to visualize key metrics and KPIs vital for decision making.
- Collaborate with team of five to present machine learning models and dashboards to the VP of Marketing.

RMDS Data Competition – Los Angeles, CA

Participant

September 2021 – October 2021

- Won 3rd place out of 297 teams in a global data competition.
- Collaborated with team of 5 to create an interactive analytics dashboard to improve restaurant performance.
- Collected demographic data of Los Angeles area, cleaned data, and created an interactive map on Tableau.

ADDITIONAL

Software and Languages: SQL, Python, R, MySQL, AWS, Tableau Prep, Tableau, MS Excel, Trello

Proficiencies: Data Science, Machine Learning, Regular Expressions, Text Analytics

Certifications: Tableau Essential Training (2020.1) – LinkedIn Learning