**Walter Lai**

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**PERSONAL WEBSITE:** <https://wlai0611.github.io/>

**SUMMARY**

Master’s in Data Science student with R, Python, SQL and Excel experience.

**Projects**

- **R Shiny App** allows user to build and evaluate a multiple regression model to predict an employee’s salary:

<https://wlai0611.shinyapps.io/multiregshiny/>

- **R Shiny App** allows user to build and evaluate a Naïve Bayes classification model to predict whether an employee leaves a company:

<https://wlai0611.shinyapps.io/bayesshiny/>

-Scored in top 18th Percentile in **Kaggle competition** for predicting House Prices with a group of 4 other SMU students: <https://www.kaggle.com/walterlai>

-Used R’s dplyr, ggplot2 and R Markdown to determine which cities and products to focus on for a fictional beer company:

<https://wlai0611.github.io/caseStudy1Missing.html>

**CERTIFICATIONS**

-Microsoft SQL Server:

Passed 70-461 Querying Microsoft SQL Server 2012/2014 Exam:

Used Visual Studio to create subqueries, Common Table Expressions, and Joins

**EDUCATION**

-Currently enrolled in Master’s of Data Science at Southern Methodist University

**GPA: 4.0**

Expected Graduation Date: July 2021

**EXPERIENCE**

***Research Assistant*** *Brooklyn College Psychology Dpmt. Jan 2018 – Mar 2019*

-Made RShiny app /w Javascript that captures user’s typing speed and accuracy.

-Created a Firebase NoSQL database to store user typing data and user login information for abovementioned R Shiny app:

<https://walterlai.shinyapps.io/devapp/>

-Used Python numpy, pandas to automate text stimuli production:

<https://github.com/wlai0611/letterFrequencyTextGenerator>