**Regression**

Learned it as a small part of a machine learning class.

Performed data analysis on products and gave data-driven suggestions on targeting clients

Auto regression model for homeruns prediction

I have used regression in an independent research project.

I have used linear regression models on a few projects outside of class within summer programs. The first one was on basketball data with CMU's Sports Analytics Camp and the other was a biostatistics/epidemiology project with Columbia University's Mailman School of Public Health.

I used linear regression in R in a faculty guided research project during my undergrad. Among other things, we modeled the role that different serve types had on ace percentage in college volleyball. I also used R in an internship last summer with a hockey team. We built a GAM to predict protection lists in anticipation of the NHL expansion draft.

Used R for work. Mostly tidyverse but I have also used datatable and some glm.

I used R and regression analysis to do identification on which variables are the most important one for a specific consulting-related question

Multiple linear regression model and checked model assumptions and did some back or step elimination to fit it.

**R**

I have used R for several research projects that involved randomization tests and t-tests for surveys

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Used R for work. Mostly tidyverse but I have also used datatable and some glm.

I have used R for several research projects that involved randomization tests and t-tests for surveys. I used Python for two large modeling projects at my internship this previous summer. Lastly, I have used regression in an independent research project.

I used R while working as a statistics research assistant for the Carnegie Mellon Cognitive Development Lab. I used k-means clustering in R to summarize children’s performance on a task measuring their attention spans. I also assessed the psychometric properties of tasks using correlations and t-tests in R in order to demonstrate the validity of the task as a measure of semantic structure in children.

Created various Shiny apps to analyze colors in images

I used R and regression analysis to do identification on which variables are the most important one for a specific consulting-related question

**Python**

Data wrangling for survey data.

I used Python for two large modeling projects at my internship this previous summer.

Used python for an internship; basic data processing work

Use Python for machine learning. Using packages like scikit-learn. Use linear regression mainly for simple predictions.

I used Python to create a decision tree model to detect a fraud user during my last internship.

Use python with some package like sklearn. Use linear regression for some simple predictions.

I took a Coursera course, and finished the corresponding assignment and tests.