

Module 3 Challenge: Pythons

In this module we were tasked to complete two Python challenges, both presenting real-world situations and application. Thus far we have learned how to store content in variables, dictionaries, and lists, allowing us to iterate through data structures, all while debugging along the way. The PyPoll data set was quite large, presenting possible issues if ran through Excel. Running through Python allows us better, more powerful, ways of handling data.

PyPoll: In this exercise, we gathered large amounts of data regarding candidates votes in an election. This examples real life application in many instances. The results show Diana DeGette was a clear victor with a majority vote. Systems such as this streamline any need to count numerous counts, votes, tallies, etc. in an easily manipulated code for use in many relative circumstances.

PyBank: In this exercise, we analyzed financial data for a company from 86 months of records. The results will show that the average change remained around \$8,000 and a total Profit/Loss of \$22,564,198 during this selected period. It appears that the greatest increase in profits came in August and the greatest decrease was seen in February.