# **State of Colorado Election Analysis Report**

## **Overview**

This report is to address the additional data analysis requested by the Colorado State Board of Election. The audit is basically to address the following points:

* The voter turnout for each county
* The percentage of votes from each county out of the total count
* The county with the highest turnout

## **Resources**

Data source: election\_results.csv.

Software: Python 3.8.9 and Visual studio code.

## **Election Audit result**

The ballots from all three counties are analyzed. The result is as follows:

* The total vote casted is 369,711.
* Percentage of vote and number of votes per county is:

**County Vote % Number of Vote**

Jefferson: 10.5% 38855

Denver: 82.8% 306055

Arapahoe: 6.7% 24801

* Denver turnout is the highest among the three counties.
* The number of votes analyzed per candidate is illustrated below:

**Name Vote % Number of Vote**

Charles Casper Stockham 23.0% 85,213

Diana DeGette 73.8% 272,892

Raymon Anthony Doane 3.1% 11,606

## **Summary**

This analysis is performed with Python programming tool. The program can be accessed with this link <https://github.com/Yibekal2022/Election-Analysis>**.** This program can used for other election data analysis by editing parts the code related the source data and manipulating the print options to get the desired output.