# Deliverable 3: Written Analysis of the Election Audit

## Overview of Election Audit

The aim of this project was to support the board of election employee that is assigned to complete the following task

* Calculate the total number of votes.
* Calculate the total number of votes each candidate received.
* Calculate the percentage of votes each candidate received
* Find out the election winner.
* Calculate the voter turnout for each county.
* Calculate the percentage of votes from each county based on the total.

## Election-Audit Results

There was a total of 369,711 votes

The 3 candidates for this election were:

* Charles Casper Stockham
* Diana DeGette
* Raymon Anthony Doane

The results were:

* Charles Casper Stockham received 23.0% of the vote, for a total of 85,213 votes.
* Diana DeGette received 73.8% of the vote, for a total of 272,892 votes.
* Raymon Anthony Doane received 3.1% of the vote, for a total of 11,606 votes.

The winner of the election was:

* Diana DeGette received 73.8% of the vote for a total of 272,892 votes.

The voter turnout for each county was:

* Jefferson produced 10.5% of voters, for a total of 38,855 voters.
* Denver produced 82.8% of voters, for a total of 306,055 voters.
* Arapahoe produced 6.7% of voters, for a total of 24,801 voters.

The county with the largest voter turnout was:

* Denver with a total of 82.8% of voters for a total of 306,055 voters.

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## Election-Audit Summary

This code helps in calculating such a vast amount of data in an effective manner.

We can see how dictionary and listings are used for candidate names and then for candidate county. A lot of the coding had ot be done for county votes and to find out county turnout.