Chad Dewey

**Election Audit Written Analysis**

The purpose of the election audit was to analyze the votes for each county, determine who won the election, and to determine specific voting numbers form each county. The election commission would like to analyze this election to help them predict and be better prepared for future elections.

* In this congressional election there were 369732 votes cast.
* The number of votes and percentage of total votes for each county in the precinct are as follows:
  + Jefferson County – 38,855 votes, 10.5% of total votes.
  + Denver County – 306,056 votes, 82.8% of total votes.
  + Arapahoe County – 24,821 votes, 6.7% of total votes.
* The county with the largest number of votes was Denver, with 306,056.
* The number of votes and percentage of total votes for each candidate are as follows:
  + Charles Casper Stockham – 85,213 votes, 23% of total votes.
  + Diana DeGette – 272,892 votes, 73.8% of total votes.
  + Raymon Anthony Doane – 11,606, 3.1% of total votes.
* Diana DeGette won the election! She received 272,892 votes and had 73.8% of all the votes.

In Summary, this script could be used (with some modifications) for any election held in the state of Colorado. Or any state for that matter. All that would have to change is the vote data. The county and candidate names could be easily changed with the vote data being displayed exactly like this script. One way this script could be modified to be used for other elections would be easily changing the “counties.dict” for any other set of criteria you had data for. Another way this script could be modified to be used for other elections would be easily changing the data set. It’s only referenced on one line of the script. That would be easy to switch out.