**# Overview of Election Audit:**

The purpose of this election audit analysis is to help Tom submit the results to the election commission. More specifically, this analysis will cover:

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

**## Election-Audit Results:**

![Results](https://user-images.githubusercontent.com/96449605/150716050-8416efa0-7295-4a18-ad09-659c0c8e3e18.png)

**Using a bulleted list, address the following election outcomes. Use images or examples of your code as support where necessary.**

* How many votes were cast in this congressional election?

369,711

* **Provide a breakdown of the number of votes and the percentage of total votes for each county in the precinct.**

Jefferson: 10.5% (38,855)

Denver: 82.8% (306,055)

Arapahoe: 6.7% (24,801)

* **Which county had the largest number of votes?**

Denver

* **Provide a breakdown of the number of votes and the percentage of the total votes each candidate received.**

Charles Casper Stockham: 23.0% (85,213)

Diana DeGette: 73.8% (272,892)

Raymon Anthony Doane: 3.1% (11,606)

* **Which candidate won the election, what was their vote count, and what was their percentage of the total votes?**

Winner: Diana DeGette

Winning Vote Count: 272,892

Winning Percentage: 73.8%

**### Election-Audit Summary:**

In a summary statement, provide a business proposal to the election commission on how this script can be used—with some modifications—for any election. Give at least two examples of how this script can be modified to be used for other elections.

**Proposal**:

Dear Election Commission –

Attached you will find the code that was used for the recent election results. Please save as it can be reused for any election in the future, with a few edits. Here are a few examples of modifications that you can make so that this code is applicable for a future election of your choice:

1. The storage location of the file (that stores the list of candidates, counties, and votes) will need to be edited. Below, I’ve added a brief description of what should be entered in between the quotation marks (“”) in red text:

# Add a variable to load a file from a path.

file\_to\_load = os.path.join("name of file folder where .csv file is stored", "name of .csv file")

1. You will also need to edit the location of where the output will be created and stored. Again, I’ve added a brief description of what should be entered in between the quotation marks (“”) in red text:

# Add a variable to save the file to a path.

file\_to\_save = os.path.join("name of file folder", "what you want to name the .txt file")