

--INSTRUCTIONS:

Please Upload the '.csv' file containing your answers to the questions asked below.

While creating the csv file, ensure that:

- The csv file is *utf-8 format*
- For questions indicated with '**F**', your answer is *float and rounded to two decimal places*. eg. 7.05
- For questions indicated with '**N**', your answer is *integer with no decimal places*. eg .1298
- For questions indicated with '**S**', your answer is *string entered within doublequotes* . eg. "Blue Whale"
- Answers in the csv file must follow the same order as asked in the problem statement below

--FILES :

assembly_dataset'X'.csv - contains assembly election details for selected constituencies. Questions asked must be answered based on the given statename "ST_NAME" and assembly constituency "AC_NAME"

--DEFINITIONS :

Vote Share - The vote share or percentage of total votes secured by a candidate or party in a specific election year, calculated by dividing the number of votes they received by the total number of votes cast in that election year

Gap between elections -Candidate might not contest in election in consecutive years but take a break and contest after few terms.Eg candidate 'A' contested in election conducted in 1994 and 2004 but didnot contest in the election between 1994-2004

Margin percentage - difference in voteshare between contestants

Lose the deposit - When the candidate failed to secure at least 1/6th of the total votes cast in that election year

Absolute majority - When the candidate secures a vote share exceeding 50%

--SUBMISSION:

A sample submission file for this is available in this url (copy paste the URL in a new

tab) <https://docs.google.com/spreadsheets/d/1W5gn4X3jYzNmFVJMLXjKbS3EcguAJqijvsqSwHdhWwA/edit#gid=0>

--TROUBLESHOOT FOR WRONG ANSWERS:

If there is any error indication in Test Run please follow the below troubleshooting guide

- Check if the questions numbers in csv match with the question numbers in the portal.
- Check if the answer format (S/N/F) is accurate in the console post 'Test Run'.
- Check and remove if there are trailing whitespace in the answers provided in csv.
- If string answers contain comma, enter the string answer within double quotes, eg "Third,wave"

--QUESTIONS:

The data for this assignment can be accessed in the below link (copy paste the URL in a new tab).

L13: https://www.senate.gov/legislative/LIS/roll_call_votes/vote1171/vote_117_1_00162.htm

The questions pertaining to this data that needs to be answered are:

Q12: How many senators voted "Nay"? N

Q14: How many senators did not vote? N

Q9: What is the ratio of Democrats' major decision votes to Republicans' major decision votes? N

Q2: How many Republicans voted "Yea"? N

Q6: How many states have both Republican senators? N

Q4: How many states voted unanimously with "Yea"? N

Q1: How many Democrats did not vote? N

Q8: How many senators have names starting with "W"? N

Q10: What is the highest absolute percentage difference between "Yea" and "Nay" votes among different parties? N

Q13: How many states have both Democrat senators? N

This assignment has public test cases. Please click on "Test Run" button to see the status of public test cases. Assignment will be evaluated only after submitting using "Submit" button below. If you only test run the program, your assignment will not be graded and you will not see your score after the deadline.

Choose Language

- Zip

Your Response

Solution code

