

Grader:

Team Name:

Team Members:

	Max Points	Mark Points off for the following scenarios
GET DATA	_____ 120	
Accessed at least 2 APIs or 1 API and 1 Website and retrieved data from them For teams of 3, you must access at least 3 APIs or 2 APIs and 1 website.	_____ 30	-30 if number of APIs + websites does not equal or exceed the number of group members
Store at least 100 rows of data from each API/website	_____ 20	-20 if didn't store data for 100 items in at least one table for each API/website
At least 1 API/website must have 2 tables that share an integer key.	_____ 20	-20 for no API/website with 2 tables -20 for having no shared key for two tables -20 if the shared key is not an integer -15 if basically split one table into two
Limited the amount of data to a max of 25 items stored in the database each time a file is run to gather the data.	_____ 50	-50 if not limited to 25 at a time stored -40 if duplicate string data is stored -30 if change code by hand on each restart -20 for each drop table in code
PROCESS THE DATA	40	
Select items from the tables and calculate something from the data (average, counts, etc)	_____ 10	-10 if data not from a SELECT and/or if not done in a separate file from the data gathering file
At least one database join used when selecting the data	_____ 20	-20 if JOIN not used at least once in the calculations or visualizations
Write a well-formatted, self explanatory file from the calculations (JSON, csv or text file)	_____ 10	-10 if no data written to a file in Python -5 if data is hard to understand -10 if hardcoded values are used to write the data file

VISUALIZE THE DATA	50	
Create visualizations (2 for 2 persons in a team, 3 for 3 persons in a team) from the data and/or calculations	_____ 50	-25 for each missing visualization -10 if hard to understand (ex. No labels) -10 if basically the same as the example in lecture/discussion
REPORT	90	
Goals	_____ 20	-10 if missing original goals -10 if missing achieved goals
Problems that you faced	_____ 10	-10 if missing
Include the calculation file	_____ 10	-10 if not included physically in the report
Include the visualizations created	_____ 10	-10 if no visualizations physically included -5 if some but not all visualizations included
Instructions for running the code	_____ 10	-5 if unclear -5 if instructions didn't work
Code documentation (explain what each function does including describing its input and output)	_____ 20	-5 for each missing function explanation (up to -20)
Documentation of resources used	_____ 10	-5 for unclear resource documentation (not following the format) -10 for no documentation
Extra Credit	60	
Extra API - 1	_____ 30	-15 if got data from API only -10 if didn't use DB to calculate something -5 if didn't write the output from calculation
Extra Viz - 1	_____ 15	-10 if unreadable -5 if exactly the same as the examples in lecture/discussion
Extra Viz - 2	_____ 15	-10 if unreadable -5 if exactly the same as the examples in I
DEDUCTIONS		

<p>Did not substantially contribute to the coding of the project</p>	<p>_____ -30%</p>	<p>If a group member made project contributions other than coding, but did not contribute meaningfully to the codebase, the member's individual project grade is reduced by 30% from the group's project grade.</p>
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