

Grading Rubric for Final Project for SI 206 Winter 2019

	Max Points	Mark points off for following scenarios
Get Data	100	
Accessed at least 2 APIs/Websites and retrieved data from them (3 for 3 people in team)	30	-15 if only one API/website was used
Stored data in a database with at least 2 tables (at least 3 tables for 3 people)	30	-15 for storing data in only one table
Limited the amount of data to 20 collected/stored at a time	20	-10 if limited to 100+ items, 0 if no limit is provided
Code is restartable (Not Dropping tables)	10	0 if drops table so all data is lost on each restart
No duplicates added in DB	10	0 if duplicates present
Process Data	50	
Selected items from all the tables	15	-15 if used cache file or dict
Calculated something from the data (average, counts, etc)	20	-20 calculation must come from data in the database.
Write a well-formatted, self explanatory file from the calculations (json, csv or text file)	15	-10 hard to understand the data -5 not formatted well
Plot Data	50	
Visualization (at least one per person on the team)	50	-25 if only one visualization is present. -20 if unreadable -10 if exactly the same as example in lecture/discussion
Report	100	
Goals	20	-10 if missing original goals -10 if missing achieved goals
Include the calculation file	20	-20 if not included in the final

		report
Instructions for running the code	20	-10 if unclear, -5 if instructions didn't work
Code documentation (explain what each function does including its input and output)	20	-5 for each missing function explanation upto -20
Resource documentation	20	-10 for unclear resource documentation (not following the format) 0 for no documentation
Extra Credit	60	
Extra API - 1	30	-15 if got data from another API but didn't store in DB -10 if didn't use DB to calculate something -10 if didn't write the output from calculation of data from that API
Extra Vis - 1	30	