

Binary items	Done (10 pt)	Not done (0 pt)
Report section headings		
Use at least one model discussed in DTSC 2302		
Turn in your report on time on Gradescope		

Scaled items	Exceptional (5 pt)	Good (4 pt)	Insufficient (0-3 pt)
Clear, focused writing			
Grammar			
Research question	Clearly stated in the introduction section and clearly motivated.	Clearly stated in the introduction section, but motivations were unclear.	Not clearly stated in the introduction section of your report.
Literature review	Relevant existing literature is discussed clearly and thoroughly, and cited correctly. Literature is arranged by topic to allow flow of discussion. All of this discussion takes place in the "theoretical framework" section of your report.	All of the pieces of a literature review are present. However, some of the discussion may be missing, unclear, poorly organized, or incorrectly cited.	Relevant literature and/or discussion is missing; significant citation errors; and/or significant organization issues.
Theory	Your theory is clearly stated, located in the "theoretical framework" section of your report, and is motivated by existing literature. Expected relationships in your theory are clearly stated and motivated.	Your theory is complete but poorly organized.	Your theory is incomplete.
Hypotheses	Hypotheses are clearly stated, including unit of analysis and direction of relationships. Displayed an understanding of what evidence would need to be found to support/reject hypotheses.	Hypotheses are clearly stated, including unit of analysis and direction of relationships.	Hypotheses are not clearly stated.
Leonelli 2020 integration	Clearly discuss at least 3 of Leonelli's main themes and how these are relevant to your research. Use proper citations.	Some discussion relating your work to Leonelli's themes, but unclear or lacking.	No citation or discussion of Leonelli.
Ethical harm discussion	Cite and discuss at least two other assigned Data Ethics readings from this semester. Describe how the conclusions from your research address the forms of ethical harm described by the readings you chose.	Some discussion relating your work to other data ethics readings and ethical harms described therein, but unclear or lacking.	No citation or discussion of other data ethics readings and ethical harms in your work.
Describe the dataset(s) used in the study	Clearly and correctly described	Some of your description is unclear or incorrect.	Dataset not described.
Describe all variables used for analysis	Your data section includes the role of each variable (independent/dependent), the operationalization of each variable, the measurement of each variable, and how any indicator or aggregate variables were created and why. Did you recode or combine variables? If so, describe the process.	Your data section is well done but incomplete (see list under "Exceptional" for complete expectations).	Missing significant portions of the data section of your report.
Visualize all variables used for analysis	Your data section includes summary statistics of each variable used and appropriate visualizations of distributions of key dependent variables.	Your data section includes some, but not all, summary statistics and graphical depictions.	Your data section lacks summary statistics and graphical depictions for a significant number of your variables.

Scaled items	Exceptional (5 pt)	Good (4 pt)	Insufficient (0-3 pt)
Methods	High level description of methods used in your analysis appears in your "Data and Methods" section of your report. This includes a description of how each variable will be used, which models you will be running, and a justification that these are the "right" models for your research project.	Models are described but not fully justified in the "Data and Methods" section.	Methods are not addressed in the "Data and Methods" section.
Analysis & results (description)	Clearly state what models and/or statistical tests you are using, what variables are involved, how you validated the model, and what the results are. This includes significance (or non-significance) and whether or not you found your hypotheses to be supported. All analysis performed is directly relevant to the research question and supported by the literature and theory.	Models, tests, and results are included and clear but not completely relevant to the research question or not supported by your literature and theory. May be missing some model validation.	Significant errors or missing information in your models, tests, results, and validation.
Analysis & results (visualizations)	<p>Tables of your results must include the following elements:</p> <ol style="list-style-type: none"> 1.A title explaining what is being done 2.Proper labels for your variables. Do not use the variable names from the dataset. For example, do not use "unemploy_2003", use "Unemployment" 3.A coefficient or output from your model with either standard errors or p-values included 4.Stars or symbols to indicate statistical significance at the .05 level for each variable 5.A sample size indicator 6.An indicator of overall model fit 7.A constant or intercept from the model <p>Figures of your results must include the following elements:</p> <ol style="list-style-type: none"> 1.A title explaining what is being done 2.Proper labels for your X and Y axis, as well as the legend. Do not use the variable names from the dataset. For example, do not use "unemploy_2003", use "Unemployment" 3.Proper selection of graph type—scatter, bar, line, area, etc. 4.Estimates from your model (predicted values based on your coefficients) or post-estimation (i.e. predicted probability or interactive effect) 5.Graphical depiction of your confidence intervals 	Visualizations are present and relevant but do not meet all of the criteria listed under "Exceptional."	Key visualizations of your results are not included.