

WP2 (6% of your grade)- Follow the instructions below to complete a short essay which will be uploaded to D2L by March 16.

The file that you submit should contain the following information:

- Page 1:
 - Identifying Information:
 - File name “LASTNAME_FIRSTNAME_SEC#_paper”
 - Header on paper with Name, Section
 - Answers to the following questions in complete sentences.
 1. Explain how ranking countries by happiness is mathematically similar to calculating your grade in a course.
 2. List one possible issue that might occur if the data collected from gapminder is not refined.
 3. Critique the following statement: “People in Denmark are much happier than people in the US.”
- Page 2:
 - A 500-700 word, news article, that contains:
 - Headline or Title of your “press release” news article
 - the ranking itself (that is, the ten countries from most to least happy).
You must include a clearly labeled graph which displays the ranking itself.
 - The axes should be labeled and a title/legend included.
 - Graph cannot be drawn by hand.
 - Information about the metrics
 - What they are and given weights.
 - Why are they important
 - two or more limitations in your analysis, and
 - Is there anything interesting the the reader should notice about the data-geographical patterns, etc... .

Timeline of Writing Project:

- ~~Lab/Recitation on 1/23 - begin work on project.~~
- ~~Upload completed Excel Sheet by Feb 3.~~
 - ~~**File format must be .xls --other files will not be accepted**~~
 - ~~Name of file should be “LASTNAME_FIRSTNAME_SEC#”~~
- Lab/Recitation on 2/20 - bring two printed copies of the draft of your writing project to lab for peer revisions
- Final version of Writing Project due Monday, March 16 by 10 pm - uploaded to D2L
 - **Must be .pdf format. Other formats will not be accepted.**
 - Name of file should be “LASTNAME_FIRSTNAME_SEC#_paper”

Criteria	
Identifying Information	Title + Header with Name and Section + correct file name --- All or nothing - 10 points
Question 1	2 pts complete sentences + 3 pts answer
Question 2	2 pts complete sentences + 3 pts answer
Question 3	2 pts complete sentences + 3 pts answer
BONUS	5 pts available for creativity as bonus points

Criteria	Novice (1-5 points)	On-Target (5-10 points)	Advanced (10-15 points)
Table/Graph	Table/Graph is included, but unclear headings, axis, etc...	Table/Graph is included with some labels and one could deduce the data's meaning but still leaves work for the reader	Table/Graph is included and everything is clearly labeled and easily interpreted without necessity for the reader to deduce its meaning.
Communication of Quantitative Information	<ul style="list-style-type: none"> · 5 metrics are listed and described but weights are not given · Terminology used may not be explained for a general reader. A person reading this paper who is not enrolled in this class would not understand. 	<ul style="list-style-type: none"> · 5 metrics are listed and described with weights of each metric given but no reasons for choosing metrics are given · A person reading this paper who is not enrolled in this class might have questions. 	<ul style="list-style-type: none"> · 5 metrics are listed with weights given and described in great detail with explanations for why these metrics are important · Terminology used is explained for a general reader. A person not enrolled in this class could read and understand this paper.
Analysis and Limitations	<ul style="list-style-type: none"> · No limitations are discussed. 	<ul style="list-style-type: none"> · Only one limitation is described. 	<ul style="list-style-type: none"> · In describing the ranking process, the student deftly balances what the ranking accounts for while bringing out two or more of its limitations. · discusses something interesting for the reader