

readme.txt

The MOUNTAINTIGER submission contains the report, reflection, two analysis files, and a merging data file. Additionally, it contains folders for the minutes, data, and stats.

report_MOUNTAINTIGER

The report is the process and conclusions of the analysis of suicide rates by countries and how it is impacted or related to many different socio-economic and contentment variables.

reflection_MOUNTAINTIGER

The reflection describes the members collective view on the analysis process through five questions.

data_analysis.py

This python file creates some new variables based on data within the merged files and the outputs summary statistics about a selection of socioeconomic variables. The files concludes with scatterplots of the most important variables; these plots are what the majority of the analysis is based from.

happiness_analysis.py

This python file creates some new variables based on data within the merged files and the outputs summary statistics about a selection of happiness variables. The files concludes with scatterplots of the most important variables; these plots are what the majority of the analysis is based from.

data_wrangling.py

This python file reads in the our three raw datasets and merges them. To account for missing values, significant amounts of observations and/or variables are omitted. The result is two different merged files - one with a focus on happiness variables and one with a focus on socioeconomic variables.

ideas.pdf

Includes some of our ideas for tools/techniques to use when analyzing certain variables.

minutes

Minutes contains minutes files describing each team meeting.

data

Data contains two sub-folders: raw_data and merged_data. Raw data includes the three selected datasets described in the data section of the report. Merged data includes the two datasets generated by data_wrangling.py. Also included is a pdf file,

happiness_variables.pdf which is the statistical appendix from the actual happiness data source which describes some of the more obscure variables.

stats

Stats includes some files with some of our figures from our preliminary and intermediary

analysis.