

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.

### **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 attempted code from our preliminary analysis