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Data First Project Plan

I have used World Health Organization data on Age-standardized suicide rates (per 100 000 population) Link here. The age-standardized mortality rate is a weighted average of the age-specific mortality rates per 100 000 persons, where the weights are the proportions of persons in the corresponding age groups of the WHO standard population. The data are limited to age standardized rates, regions, sex and period. I am currently doing some data cleaning with Microsoft excel to streamline the dataset.

Data Questions:

What is the focus of your data? What are the key variables?	My key variables are age-standardized suicide rate, Geographical and WHO regions, period (years), sex
Circle the key data types included in your data set?	Geographic Qualitative **Quantitative**
Are there any sharing limitations on your data?	No
Is there additional data you would like to join in?	No
Describe the current state of the data set?	There is no missing data in the variables of interest. Less effort will with put in renaming the cell titles.

Purpose Questions:

What are you trying to accomplish with this visualization?	I am interested in visualizing the trends in suicide rates over time comparing different WHO regions.

Audience Questions:

Who are you creating this visualization for?	Mental health experts, and Myself.
What does your target population care about?	Areas with the persistently high burdens of suicide over time.
What mental images come to mind?	I would love to be able to use some book images and other neat visuals in order to make it appealing.

Visual Solution Questions:

What type of chart/graphic works best for your type of data, purpose, message, and audience?	Geographical representation color coded to show trends of suicide rates over time Geographical map and Bar Chart of trends of suicide for each region over time.
What does your target population care about?	Simplification of complex information to help them decide on areas that require interventions
Interactive Elements Required	Pages to capture trends in time. Filters to control for geography
What mental images come to mind?	I envision a map visualization which is color coded to show change in trends of suicide over time.

Approaches Required (I encourage being ambitious in what you pick as an opportunity to learn). Stretch goals are often extremely beneficial in planning out a visual

Circle the techniques that you expect to use:

Mapping (Geography)	**Geocoding**	Non-Standard Geographies
Table Calculations	Calculated Fields	Level of Detail Calculations
Data Cleaning	Relational Data (Merging Data Sets)	**Tableau Prep (Data Structure)**
Dashboard Design	**Dashboard Objects**	Actions
Filters	Parameters	

For Advanced Tableau Functions, it is worth identifying good examples from Tableau Public or other sources in order to find examples of interesting visual techniques. I have a list that I pull from here.