

Topic ideas

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Put all data sets in the `data` folder.

Data Set 1 (Flying)

Description

Data dictionary

glimpse of data

```
## Rows: 1,040
## Columns: 27
## $ RespondentID
## $ `How often do you travel by plane?`
## $ `Do you ever recline your seat when you fly?`
## $ `How tall are you?`
## $ `Do you have any children under 18?`
## $ `In a row of three seats, who should get to use the two arm rests?`
## $ `In a row of two seats, who should get to use the middle arm rest?`
## $ `Who should have control over the window shade?`
## $ `Is itrude to move to an unsold seat on a plane?`
## $ `Generally speaking, is it rude to say more than a few words tothe stranger sitting next to you on
## $ `On a 6 hour flight from NYC to LA, how many times is it acceptable to get up if you're not in an a
## $ `Under normal circumstances, does a person who reclines their seat during a flight have any obligat
## $ `Is itrude to recline your seat on a plane?`
## $ `Given the opportunity, would you eliminate the possibility of reclining seats on planes entirely?`
## $ `Is it rude to ask someone to switch seats with you in order to be closer to friends?`
## $ `Is itrude to ask someone to switch seats with you in order to be closer to family?`
## $ `Is it rude to wake a passenger up if you are trying to go to the bathroom?`
## $ `Is itrude to wake a passenger up if you are trying to walk around?`
## $ `In general, is itrude to bring a baby on a plane?`
## $ `In general, is it rude to knowingly bring unruly children on a plane?`
## $ `Have you ever used personal electronics during take off or landing in violation of a flight atten
## $ `Have you ever smoked a cigarette in an airplane bathroom when it was against the rules?`
## $ Gender
## $ Age
## $ `Household Income`
## $ Education
## $ `Location (Census Region)`
```

Data Set 2 (Life Expectancy)

Description

Data-set related to life expectancy, health factors, and economic data for 193 countries collected from WHO data repository and from United Nation.

Data dictionary

- Country
- Year
- Status (Developed or Developing status)
- Life expectancy (Life Expectancy in age)
- Adult Mortality (Adult Mortality Rates of both sexes (probability of dying between 15 and 60 years per 1000 population))
- infant deaths (Number of Infant Deaths per 1000 population)
- Alcohol (Alcohol, recorded per capita (15+) consumption (in litres of pure alcohol))
- percentage expenditure (Expenditure on health as a percentage of Gross Domestic Product per capita(%))
- Hepatitis B (Hepatitis B (HepB) immunization coverage among 1-year-olds (%))
- Measles (Measles - number of reported cases per 1000 population)
- BMI (Average Body Mass Index of entire population)
- under-five deaths (Number of under-five deaths per 1000 population)
- Polio (Polio (Pol3) immunization coverage among 1-year-olds (%))
- Total expenditure (General government expenditure on health as a percentage of total government expenditure (%))
- Diphtheria (Diphtheria tetanus toxoid and pertussis (DTP3) immunization coverage among 1-year-olds (%))
- HIV/AIDS (Deaths per 1 000 live births HIV/AIDS (0-4 years))
- GDP (Gross Domestic Product per capita (in USD))
- Population (Population of the country)
- thinness 1-19 years (Prevalence of thinness among children and adolescents for Age 10 to 19 (%))
- thinness 5-9 years (Prevalence of thinness among children for Age 5 to 9(%))
- Income composition of resources (Human Development Index in terms of income composition of resources (index ranging from 0 to 1))
- Schooling (Number of years of Schooling (years))

glimpse of data

```
## Rows: 2,938
## Columns: 22
## $ Country      <chr> "Afghanistan", "Afghanistan", "Af...
## $ Year         <dbl> 2015, 2014, 2013, 2012, 2011, 201...
## $ Status       <chr> "Developing", "Developing", "Deve...
## $ `Life expectancy` <dbl> 65.0, 59.9, 59.9, 59.5, 59.2, 58....
## $ `Adult Mortality` <dbl> 263, 271, 268, 272, 275, 279, 281...
## $ `infant deaths` <dbl> 62, 64, 66, 69, 71, 74, 77, 80, 8...
## $ Alcohol      <dbl> 0.01, 0.01, 0.01, 0.01, 0.01, 0.0...
## $ `percentage expenditure` <dbl> 71.279624, 73.523582, 73.219243, ...
## $ `Hepatitis B` <dbl> 65, 62, 64, 67, 68, 66, 63, 64, 6...
## $ Measles      <dbl> 1154, 492, 430, 2787, 3013, 1989,...
## $ BMI          <dbl> 19.1, 18.6, 18.1, 17.6, 17.2, 16....
## $ `under-five deaths` <dbl> 83, 86, 89, 93, 97, 102, 106, 110...
## $ Polio        <dbl> 6, 58, 62, 67, 68, 66, 63, 64, 63...
## $ `Total expenditure` <dbl> 8.16, 8.18, 8.13, 8.52, 7.87, 9.2...
## $ Diphtheria   <dbl> 65, 62, 64, 67, 68, 66, 63, 64, 6...
## $ `HIV/AIDS`   <dbl> 0.1, 0.1, 0.1, 0.1, 0.1, 0.1, 0.1...
```

```
## $ GDP <dbl> 584.25921, 612.69651, 631.74498, ...
## $ Population <dbl> 33736494, 327582, 31731688, 36969...
## $ `thinness 1-19 years` <dbl> 17.2, 17.5, 17.7, 17.9, 18.2, 18....
## $ `thinness 5-9 years` <dbl> 17.3, 17.5, 17.7, 18.0, 18.2, 18....
## $ `Income composition of resources` <dbl> 0.479, 0.476, 0.470, 0.463, 0.454...
## $ Schooling <dbl> 10.1, 10.0, 9.9, 9.8, 9.5, 9.2, 8...
```

Data Set 3 (optional)

Description

Data dictionary

glimpse of data