earthquake_data_cleaned.csv

This file contains all the information extracted from original data. The columns' names have been changed so they are no longer questions.
It does not include any new information in comparison to 'earthquake_data.csv' file.

Data contains survey responses related to the topic of earthquakes and fear of it among the Americans. Therefore, the unit of observation is a survey response.

Column variables:

1. Age

Original name: In general, how worried are you about earthquakes?, variable type: categorical, missing values: 0:1013, variables' frequency:

- Not at all worried, frequency: 351
- Not so worried, frequency: 320
- Somewhat worried, frequency: 212
- Very worried, frequency: 48
- Extremely worried, frequency: 47

2. Gender

Original name: How worried are you about the Big One, a massive, catastrophic earthquake?, variable type: categorical, missing values: 0:1013, variables' frequency:

- Not at all worried, frequency: 329
- Not so worried, frequency: 303
- Somewhat worried, frequency: 214
- Very worried, frequency: 71
- Extremely worried, frequency: 61

3. Household income

Original name: Do you think the "Big One" will occur in your lifetime?, variable type: categorical, missing values: 0:1013, variables' frequency:

- No, frequency: 560
- Yes, frequency: 418

4. US Region

Original name: Have you ever experienced an earthquake?, variable type: categorical, missing values: 7:1013, variables' frequency:

- Yes, one or more minor ones, frequency: 471
- No, frequency: 351
- Yes, one or more major ones, frequency: 156

5. Earthquakes fear

Original name: Have you or anyone in your household taken any precautions for an earthquake (packed an earthquake survival kit, prepared an evacuation plan, etc.)?, variable type: categorical, missing values: 7:1013, variables' frequency:

- No, frequency: 766
- Yes, frequency: 212
-
6. The "Big One" fear

Original name: How familiar are you with the San Andreas Fault line?, variable type: categorical, missing values: 12:1013, variables' frequency:

- Somewhat familiar, frequency: 392
- Very familiar, frequency: 247
- Extremely familiar, frequency: 132
- Not so familiar, frequency: 106
- Not at all familiar, frequency: 101

7. The "Big One" experiencing possible

Original name: How familiar are you with the Yellowstone Supervolcano?, variable type: categorical, missing values: 12:1013, variables' frequency:

- Somewhat familiar, frequency: 273
- Not at all familiar, frequency: 262
- Not so familiar, frequency: 211
- Very familiar, frequency: 139
- Extremely familiar, frequency: 93

8. Earthquake experienced

Original name: Age, variable type: categorical, missing values: 12:1013, variables' frequency:

- 45 - 59, frequency: 270
- 60, frequency: 251
- 30 - 44, frequency: 249
- 18 - 29, frequency: 208

9. Earthquake precautions taken

Original name: What is your gender?, variable type: categorical, missing values: 12:1013, variables' frequency:

- Female, frequency: 513
- Male, frequency: 465

10. San Andreas Fault line familiarity

Original name: How much total combined money did all members of your HOUSEHOLD earn last year?, variable type: categorical, missing values: 12:1013, variables' frequency:

- $50,000 to $74,999, frequency: 174
- $25,000 to $49,999, frequency: 158
- Prefer not to answer, frequency: 154
- $75,000 to $99,999, frequency: 133
- $10,000 to $24,999, frequency: 83
- $100,000 to $124,999, frequency: 74
- $0 to $9,999, frequency: 63
- $200,000 and up, frequency: 50
- $125,000 to $149,999, frequency: 44
- $150,000 to $174,999, frequency: 33
- $175,000 to $199,999, frequency: 12

11. Yellowstone Supervolcano familiarity

Original name: US Region, variable type: categorical, missing values: 35:1013, variables' frequency:

- Pacific, frequency: 206
- South Atlantic, frequency: 155
- East North Central, frequency: 140
- Middle Atlantic, frequency: 137
- West South Central, frequency: 99
- West North Central, frequency: 71
- Mountain, frequency: 67
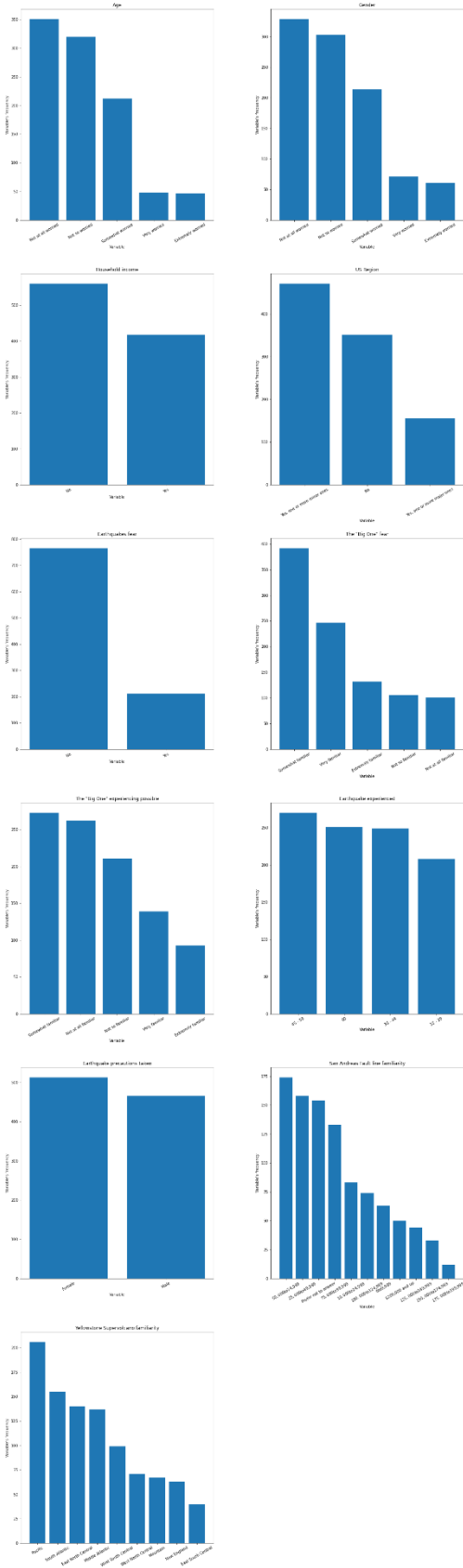- New England, frequency: 63
- East South Central, frequency: 40

Figure 1. Earthquake data cleaned frequency bar chart

earthquake_data_big_one.csv

This file contains a table consisting of the age, the gender and the answer to the question "Do you think the "Big One" will occur in your lifetime?".
It does not include any new information in comparison to 'earthquake_data.csv' file.

1. Age

Original name: In general, how worried are you about earthquakes?, variable type: categorical, missing values: 0:1013, variables' frequency:

- Not at all worried, frequency: 351
- Not so worried, frequency: 320
- Somewhat worried, frequency: 212
- Very worried, frequency: 48
- Extremely worried, frequency: 47

2. Gender

Original name: How worried are you about the Big One, a massive, catastrophic earthquake?, variable type: categorical, missing values: 0:1013, variables' frequency:

- Not at all worried, frequency: 329
- Not so worried, frequency: 303
- Somewhat worried, frequency: 214
- Very worried, frequency: 71
- Extremely worried, frequency: 61
3. The "Big One" experiencing possible

Original name: Do you think the "Big One" will occur in your lifetime?, variable type: categorical, missing values: 0:1013, variables' frequency:

- Somewhat familiar, frequency: 273
- Not at all familiar, frequency: 262
- Not so familiar, frequency: 211
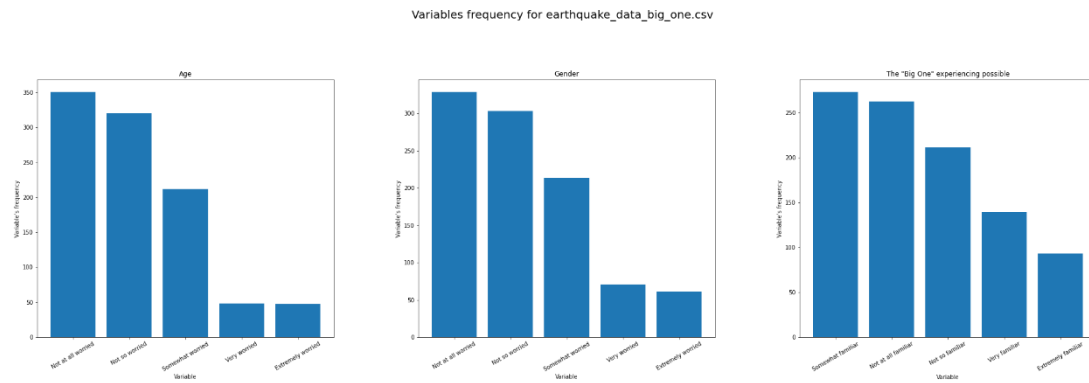- Very familiar, frequency: 139
- Extremely familiar, frequency: 93

Figure 2. Earthquake data 'Big One' frequency bar chart