

Springboard Project 5.3 (JSON)

Using World Bank data

1. Find the 10 countries with most projects.

After loading the json file, I grouped the country names according to number of projects and then sorted the results in descending order. The top 10 countries included a continent, so I dropped that entry and produced the 10 countries with the most projects.

2. Find the top 10 major project themes.

After loading and normalizing the json file, I sorted the observations by project code so that blank name entries for the same project would be grouped together. I then replaced blank name entries with forward fill and use a crosstab to make sure that no project codes were matched with an incorrect project name.

3. In question 2 above, you will notice that some entries have only the code and the name is missing. Create a dataframe with the missing names filled in.

Since the blank entries were filled in question 2, I converted that result into a dataframe.