UI Test for Candidate

Start of Test...

Q1. Using the below input json data do the following (full data set is below in a file)

```
## One sample of data
{
"_index": "country_cdn_latency",
"_type": "doc",
"_id": "AF_2020-04-20",
"_score": 1,
"_source": {
"Country": "AF",
"ID": "AF_2020-04-20",
"TotalCount": 1971771,
"Date": "2020-04-20",
"Perc_lt_30ms": 0.0010072163552461214,
"Perc_30ms_60ms": 0.04113915865483365,
"Perc_60ms_90ms": 0.12033243211305979,
"Perc_90ms_150ms": 0.2902198074725716,
"Perc_gt_150ms": 0.7097801925274284
}
```

Full input data to be used for the exercise (download this file), UI Test Sample

1. Plot the samples from the file, on a world map. There are multiple samples for a given/same country, you can pick any one. Use country code Latitude and Longitude from internet and show an overlay icon on world map.
    a. Country code is abbreviated,https://www.unece.org/cefact/locode/service/location
2. When we click or mouse hoover the icon (shown in #1 above), show the detail information (fields shown below), with your choice of UI widget.

```
"TotalCount": 1971771,
"Date": "2020-04-20",
"Perc_lt_30ms": 0.0010072163552461214,
"Perc_30ms_60ms": 0.04113915865483365,
"Perc_60ms_90ms": 0.12033243211305979,
"Perc_90ms_150ms": 0.2902198074725716,
"Perc_gt_150ms": 0.7097801925274284
```

3. On a single time-series scale (x-axis), plot a stack graph each country's "Perc_lt_30ms" field value as (y-axis).
    a. Y-axis, "Perc_lt_30ms": 0.0010072163552461214,
    b. X-axis, "Date": "2020-04-20",
    c. Country: "Country": "AF",

Note: There could be one UI page for both the above or two separate UI pages.

End of Test.....