



How
happy
are you,
World?

—

What makes people happy?



...



The baseline for happiness...

Dystopia



"How would you rate your happiness on a scale of 0 to 10 where 10 is the happiest."



"If you were in trouble, do you have relatives or friends you can count on to help you whenever you need them, or not?"

"Are you satisfied or dissatisfied with your freedom to choose what you do with your life?"

"Have you donated money to a charity in the past month?"

"Is corruption widespread throughout the government or not?" "Is corruption widespread within businesses or not?"

Questions



Our Data

World Happiness Report - Kaggle.com

COUNTRY. REGION. 2015-2019.

SCORE. GDP. GENEROSITY. FREEDOM TO MAKE LIFE CHOICES.

PERCEPTIONS OF CORRUPTION. LIFE EXPECTANCY.

"The extent to which..."

First, *prepare.*

ETL



First, *prepare.*

ETL

```
import pandas as pd
import pymongo
import json
import os

mng_client = pymongo.MongoClient('localhost', 27017)
mng_db = mng_client['project2_db']

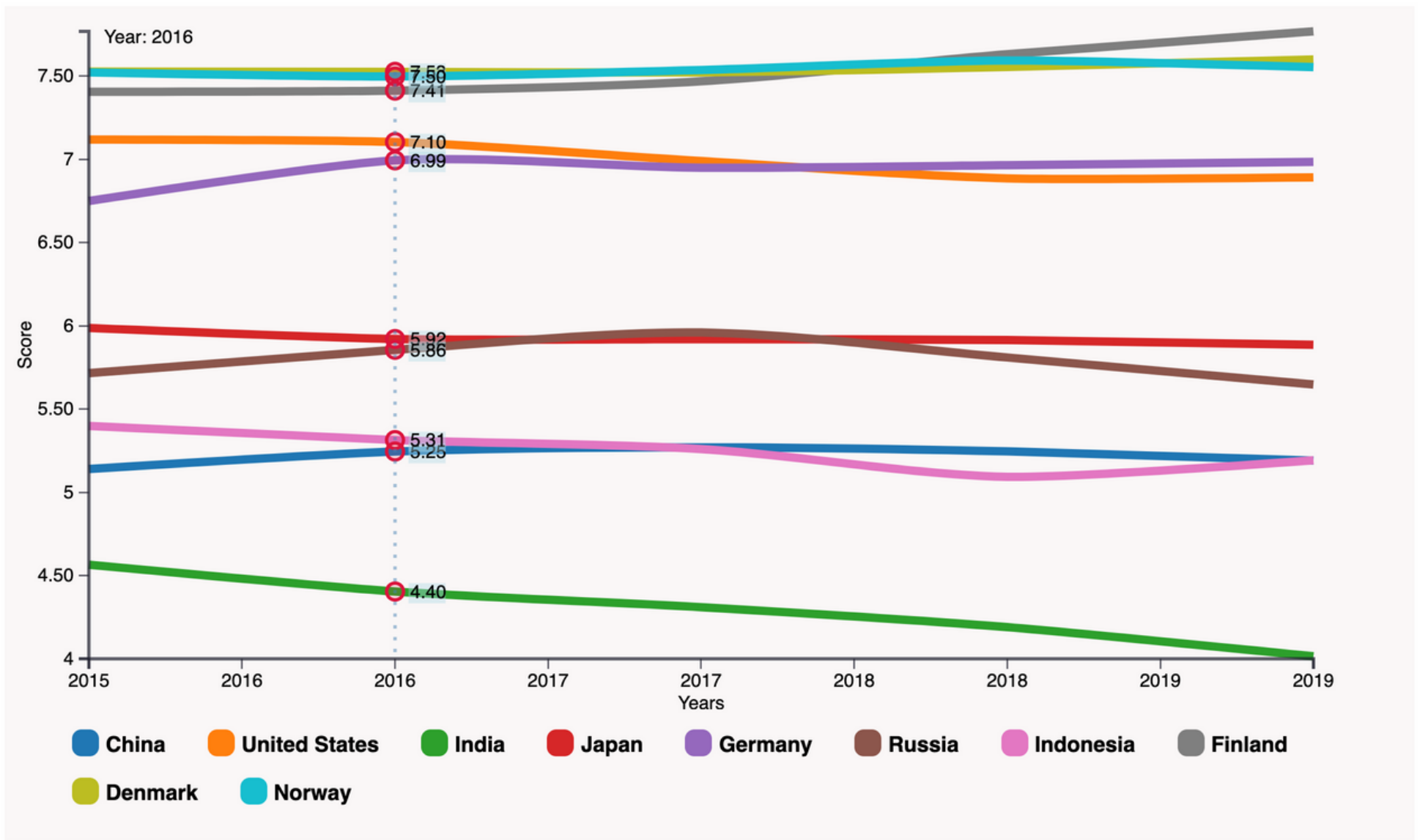
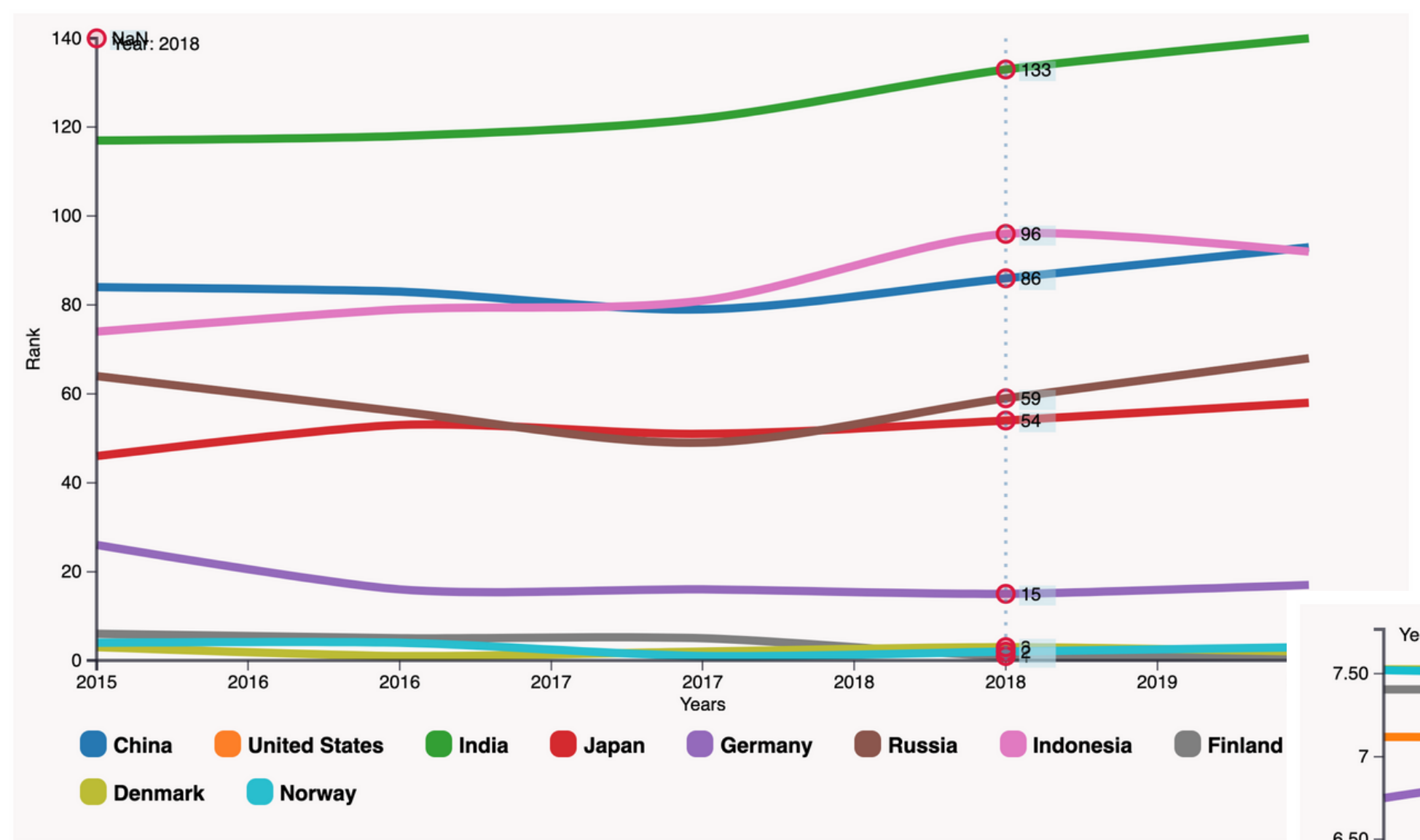
# Import 2015 data to mongodb
collection_name='2015_data'
db_cm = mng_db[collection_name]
# file_res = os.path.join('Resources/clean_data15.csv')
data = pd.read_csv('/Resources/cleansed_data/clean_data15.csv')
data_json = json.loads(data.to_json(orient='records'))
db_cm.remove()
db_cm.insert(data_json)
```





Our Visuals.

- + Choropleth map
- + Dynamic table and gauge chart
- + Scatter plots of score vs. variables
- + Dynamic Top 10 countries by region
- + Stacked bar chart explaining score





**Thank
you.**

