



COVID-19 PANDEMIC ANALYSIS

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INTRODUCTION

On the -- 2019 the first case of the COVID 19 was discovered in the city of Wuhan in China which is now known as the epicenter. The disease spread further to other countries around the world and currently – are affected by the virus. Data was collected from the website and used to analyze the spread of the virus. Head of states, Ministries of Health and Wellness and World Health Organization would be interested in the data collected and results. COVID-19 was chosen because it is a problem now.



PROBLEM

There is a need to determine how certain countries are progressing in their fight toward the COVID-19.

DATA SOURCE

The data was collected from the website and put in an csv file for ease of access. The data was initially collected from [www](#).

The data composes of a list of countries affected by the virus and their statistics of new cases, total cases, new deaths and total number of deaths by date.

METHODOLOGY

Data cleaning: countries that have no reports of the COVID-19 were removed from the report.

As the data came with records by date, it was combined to give totals for each country.

Statistical analysis methods such as bar charts were used to represent data and outcomes.

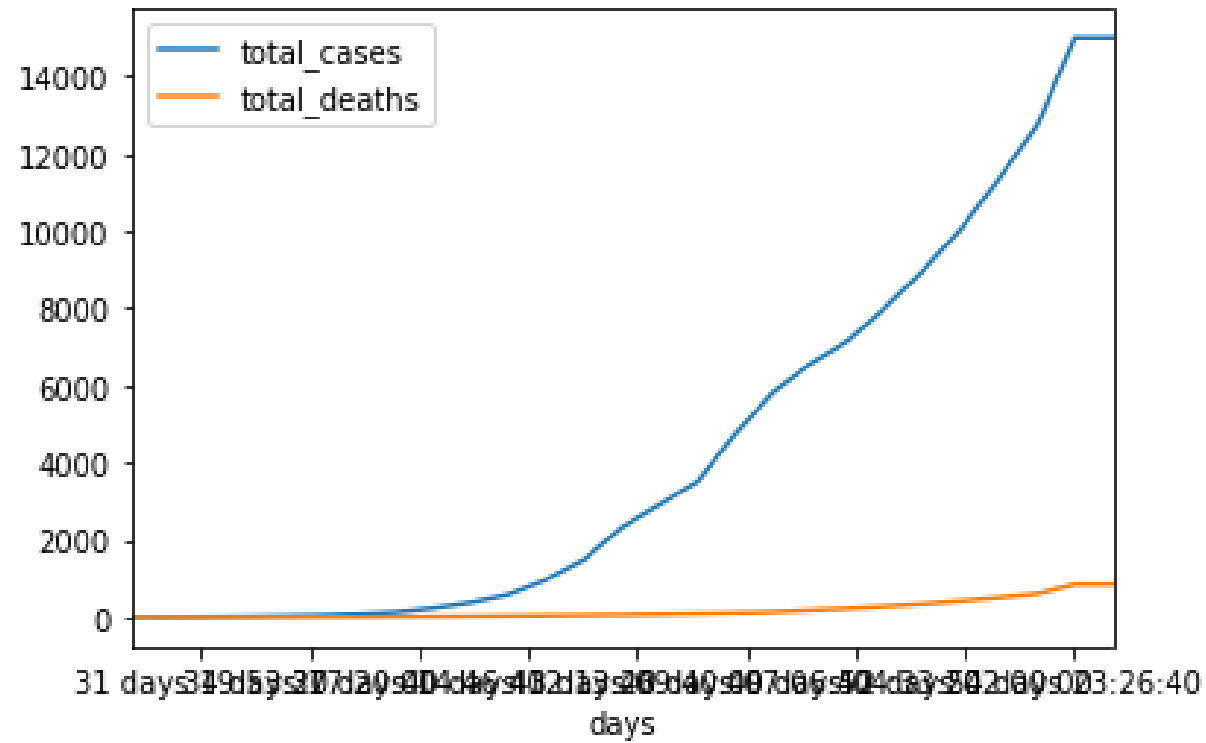
RESULTS

The country with the highest number of cases is:

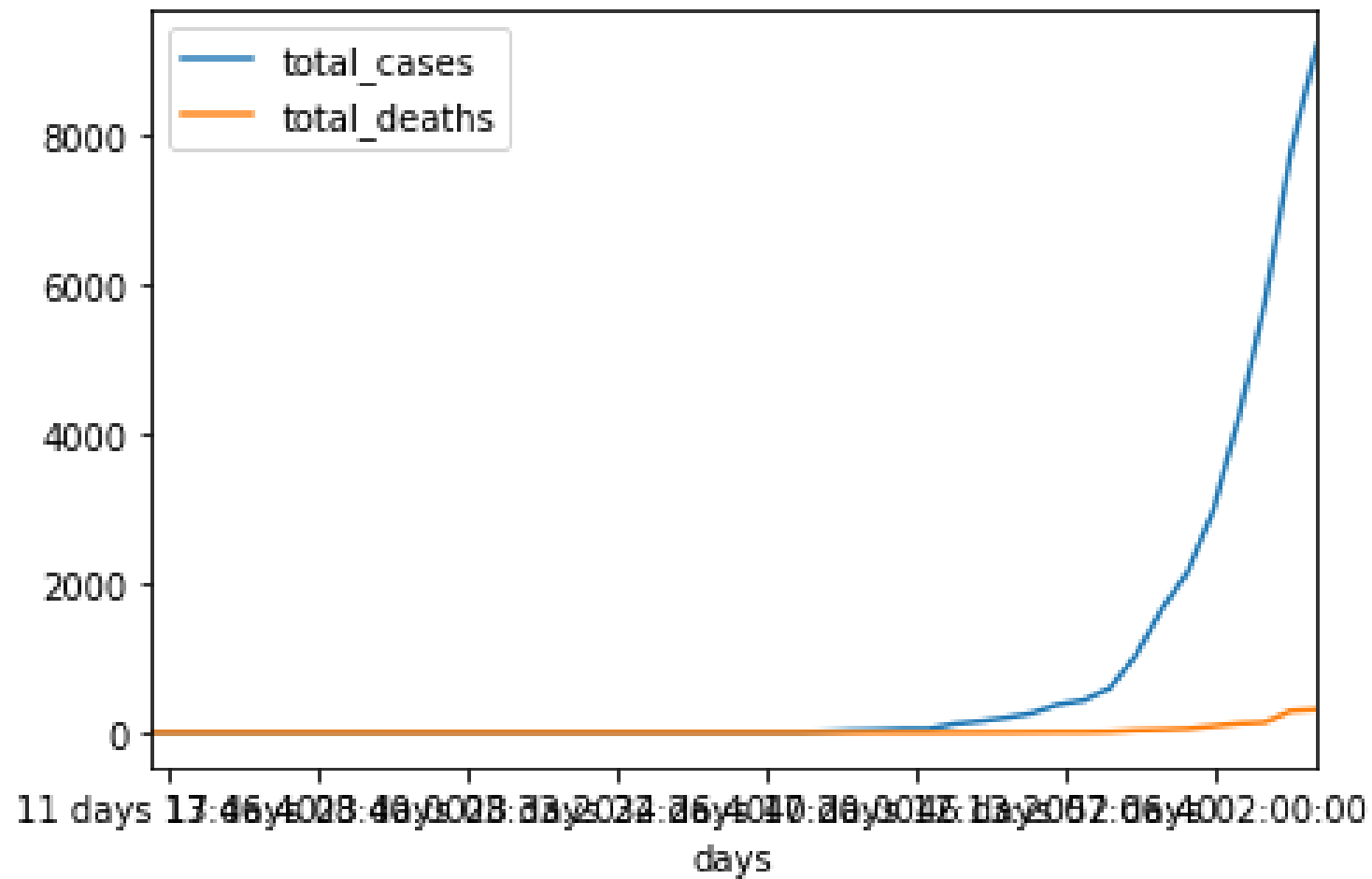
The country with the highest number of deaths is:

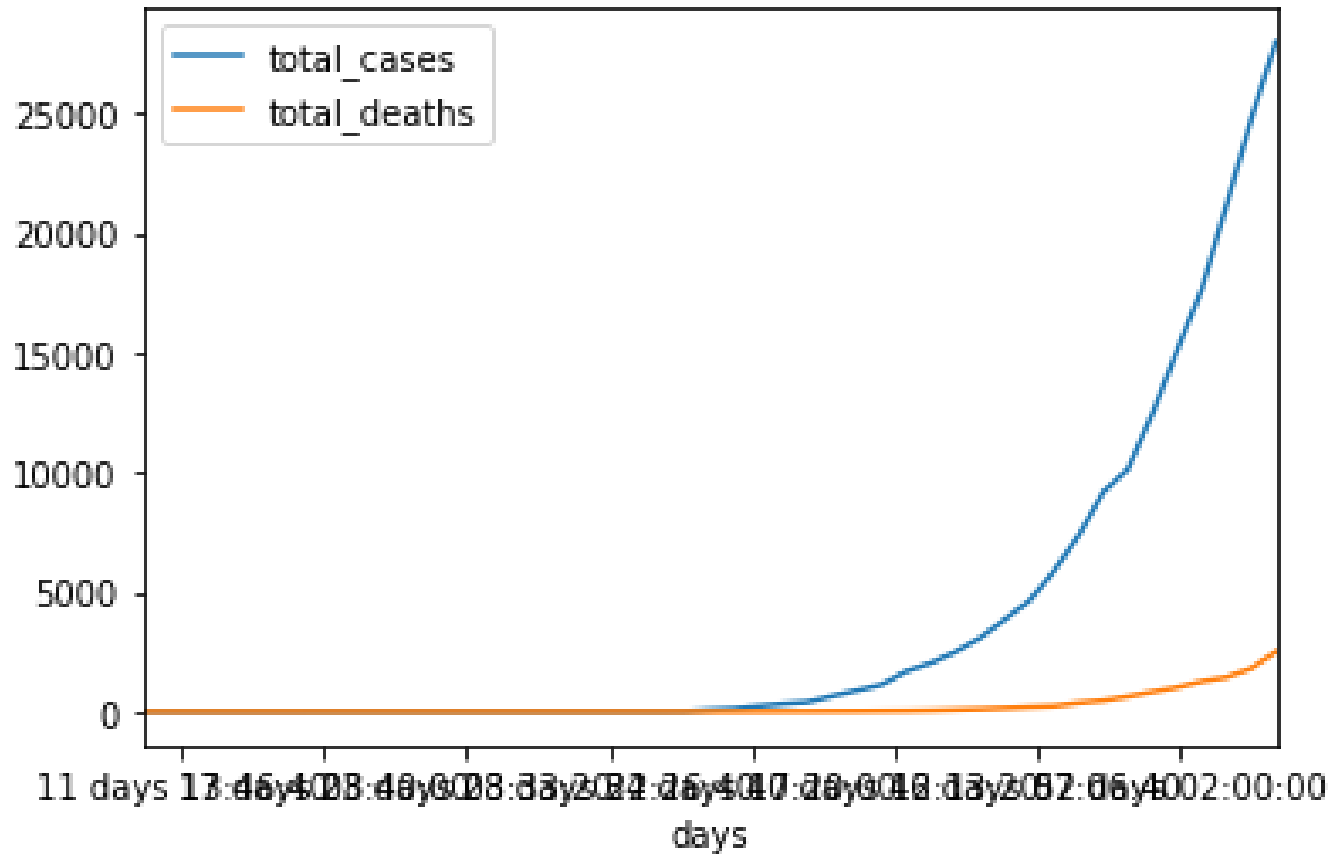
Countries of interest were selected: Iran, Spain and Italy. The following are their statistics:

IRAN

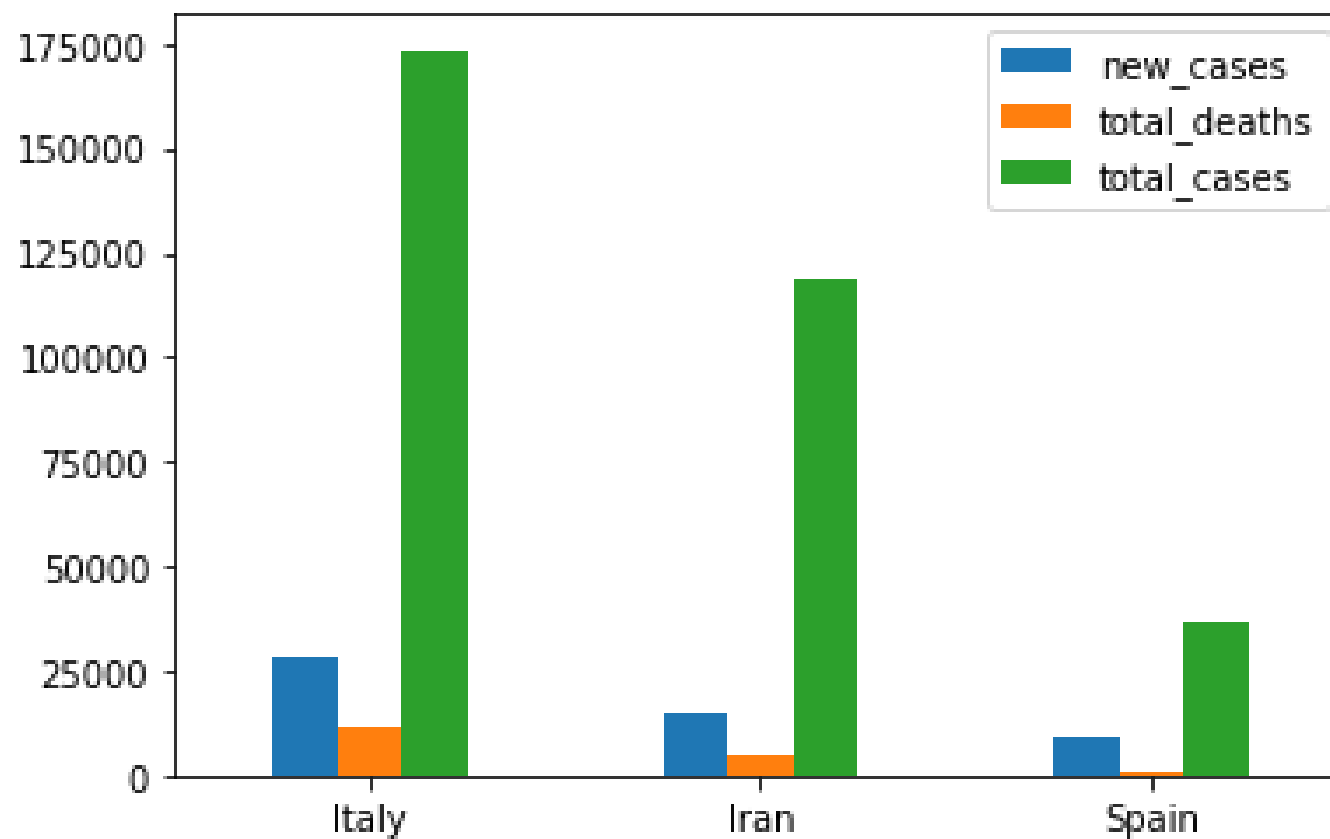


SPAIN

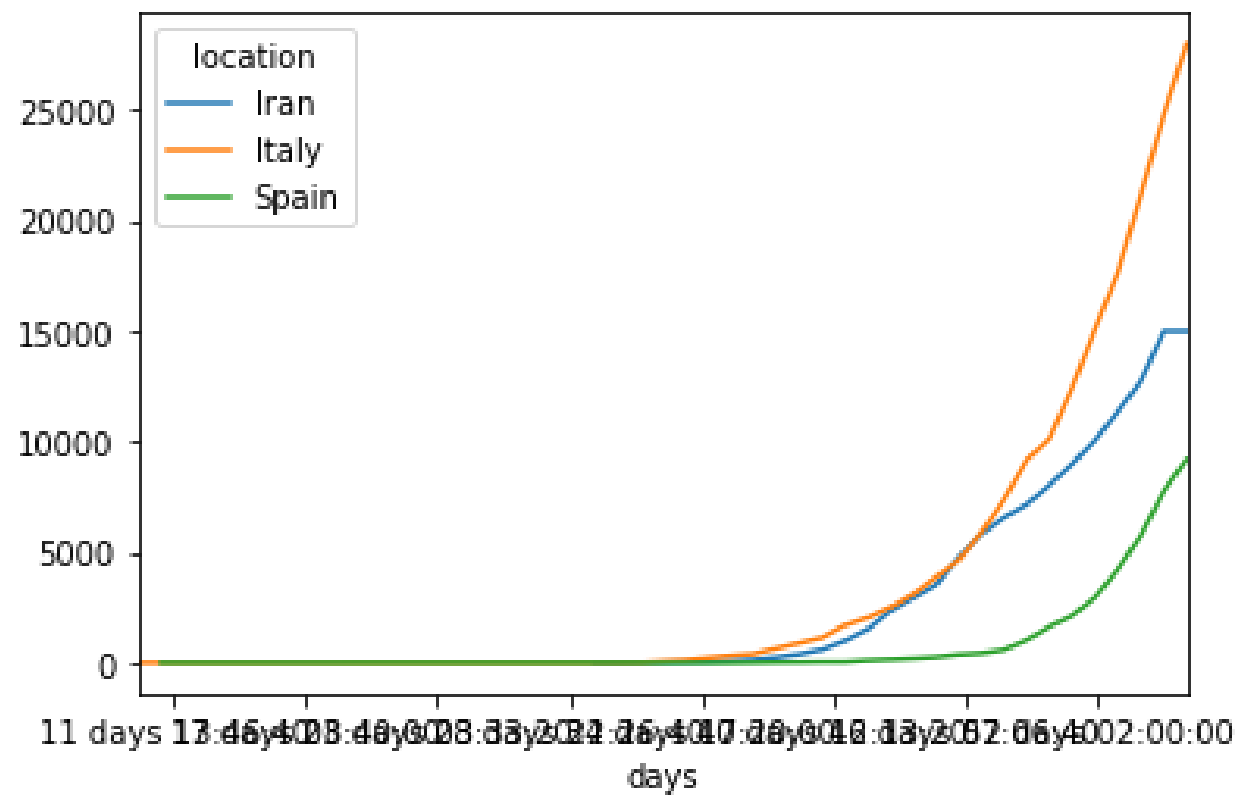




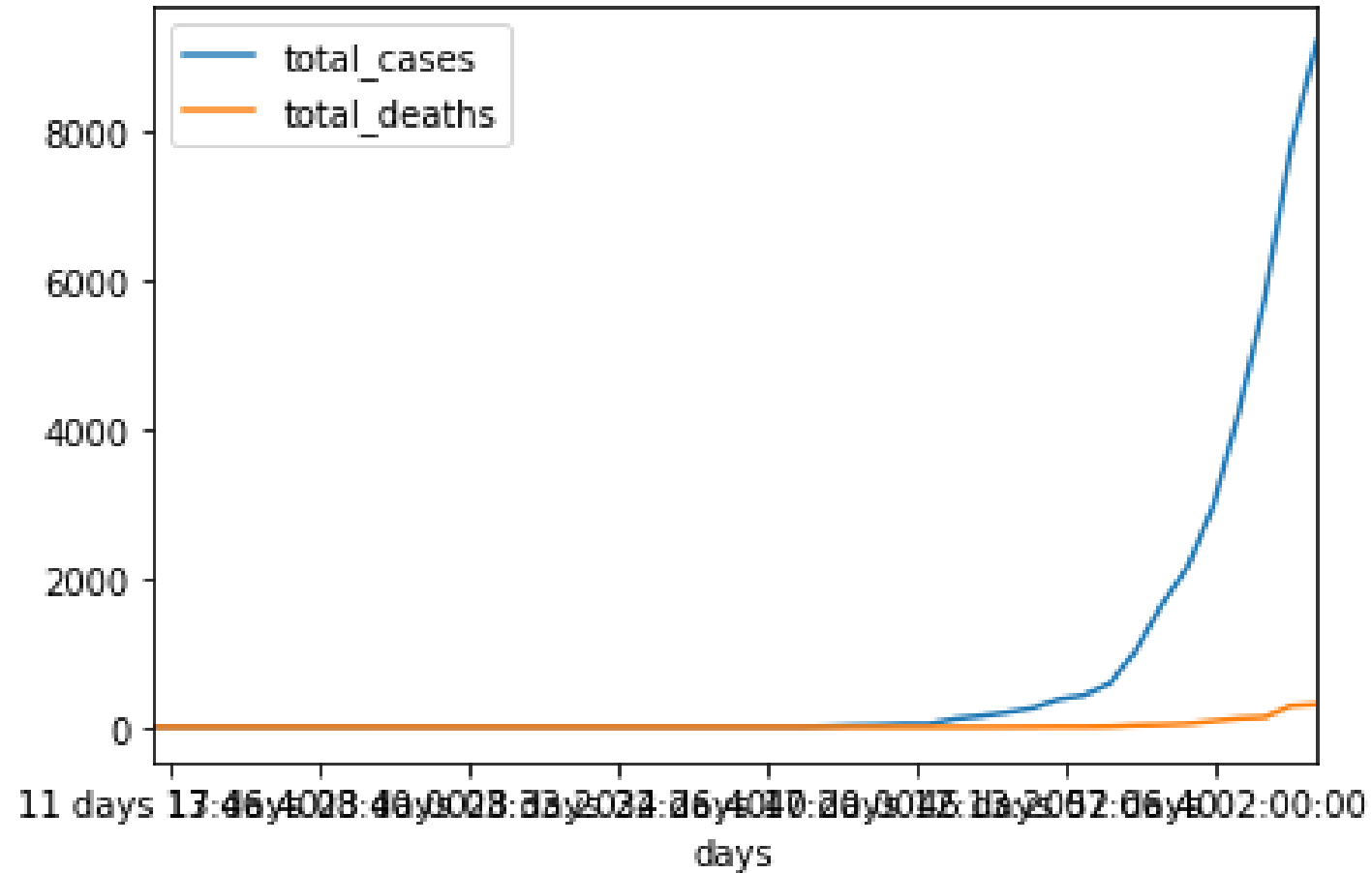
COMPARISON



COMPARISON



WORLD ANALYSIS



CONCLUSION

From the countries selected:

- Italy has more COVID-19 cases than the other two. It has more new cases emerging and deaths as well
- Spain has the least cases
- The total number of cases are increasing at an increasing rate. This means that there are more new cases and the virus is spreading very fast.