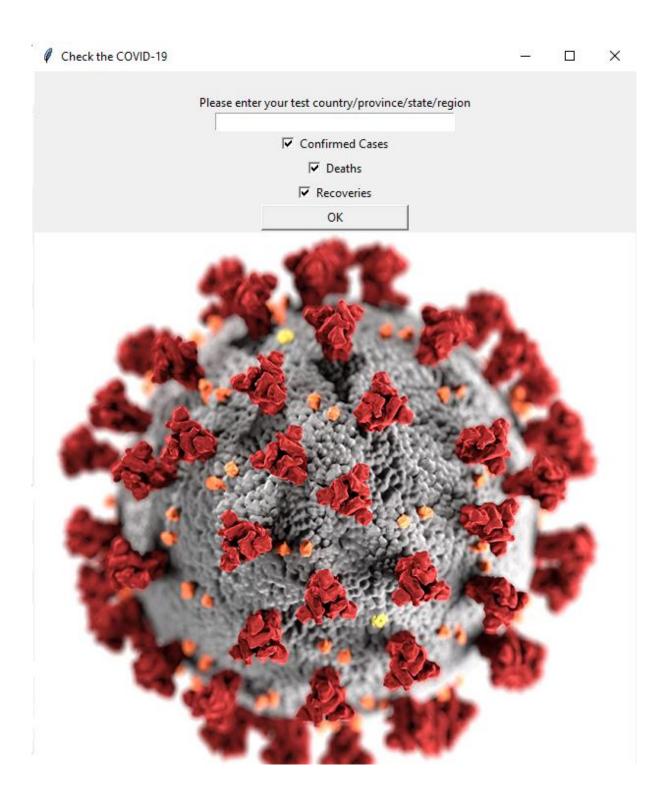
## **Check the COVID-19 User Manual**

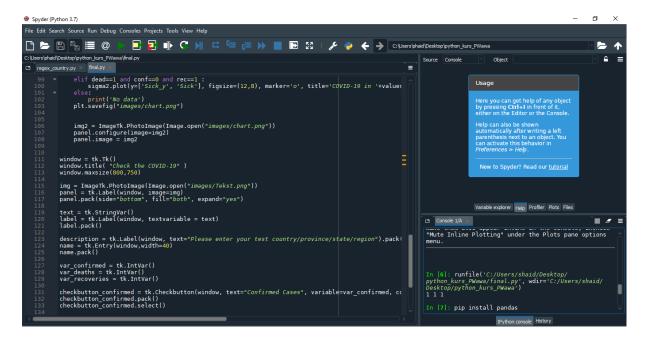


Hello User, Below you have 6 steps to use our application:

- 1/ To use the application you need an internet connection and Anaconda Spyder (suggested version 2020.02 Python 3.7)
- 2/ You will also need to install the following libraries:

pandas, matplotlib and Pillow,

which you install according to the attached image



## 3/ The application allows you to see the progress of the disease in the following countries (keep the spelling match)

Afghanistan, Albania, Algeria, Andorra, Angola, Antigua and Barbuda, Argentina, Armenia, Australia, Austria, Azerbaijan,

Bahamas, The, Bahrain, Bangladesh, Barbados, Belarus, Belgium, Benin, Bhutan, Bolivia, Bosnia and Herzegovina, Brazil, Brunei, Bulgaria, Burkina Faso,

Cabo Verde, Cambodia, Cameroon, Canada, Central African Republic, Chad, Chile, China, Colombia, Congo (Brazzaville), Congo (Kinshasa), Costa Rica, Cote d'Ivoire, Croatia, Cruise Ship, Cuba, Cyprus, Czechia,

Denmark, Djibouti, Dominican Republic,

Ecuador, Egypt, El Salvador, Equatorial Guinea, Estonia, Eswatini, Ethiopia,

Fiji, Finland, France,

Gabon, Gambia, The, Georgia, Germany, Ghana, Greece, Guatemala, Guinea, Guyana,

Haiti, Holy See, Honduras, Hungary,

Iceland, India, Indonesia, Iran, Iraq, Ireland, Israel, Italy,

| Jamaica, Japan, Jordan,   |
|---|
| Kazakhstan, Kenya, Korea, South, Kosovo, Kuwait, Kyrgyzstan,  |
| Latvia, Lebanon, Liberia, Liechtenstein, Lithuania, Luxembourg,   |
| Madagascar, Malaysia, Maldives, Malta, Martinique, Mauritania, Mauritius, Mexico, Moldova, Monaco, Mongolia, Montenegro, Morocco,   |
| Namibia, Nepal, Netherlands, New Zealand, Nicaragua, Niger, Nigeria, North Macedonia, Norway,   |
| Oman,   |
| Pakistan, Panama, Papua New Guinea, Paraguay, Peru, Philippines, Poland, Portugal,  |
| Qatar,  |
| Romania, Russia, Rwanda,  |
| Saint Lucia, Saint Vincent and the Grenadines, San Marino, Saudi Arabia,<br>Senegal, Serbia, Seychelles, Singapore, Slovakia, Slovenia, Somalia, South<br>Africa, Spain, Sri Lanka, Sudan, Suriname, Sweden, Switzerland, |

Taiwan\*, Tanzania, Thailand, Togo, Trinidad and Tobago, Tunisia, Turkey,

US, Ukraine, United Arab Emirates, United Kingdom, Uruguay, Uzbekistan,

Venezuela, Vietnam,

Zambia, Zimbabwe

Unfortunately, in all these countries cases of the COVID-19 have appeared.

## 4/ In special cases, countries such as:

Australia, Canada, China, Cruise Ship, Denmark, France, Netherlands, US and United Kingdom

The chart presents the imposed data for all territories of a given country, making it not legible

- 5/ For US, chart generation often freezes the computer
- 6/ The application creates a chart.png file in the images directory each time a new chart is generated