

Python Programming Basic

Python Exercise



Foreword

In this course, we are going to build a crawler with Python to obtain COVID-19 data from the website.





Objectives

Upon finishing the course, you will be able to :

- ◆ Master the basic usage of Python
- ◆ Master the basic usage of Python third-party libraries
- ◆ Create your own Python web crawler

Contents



1. Introduction of Python Exercise



Introduction of Python Exercise

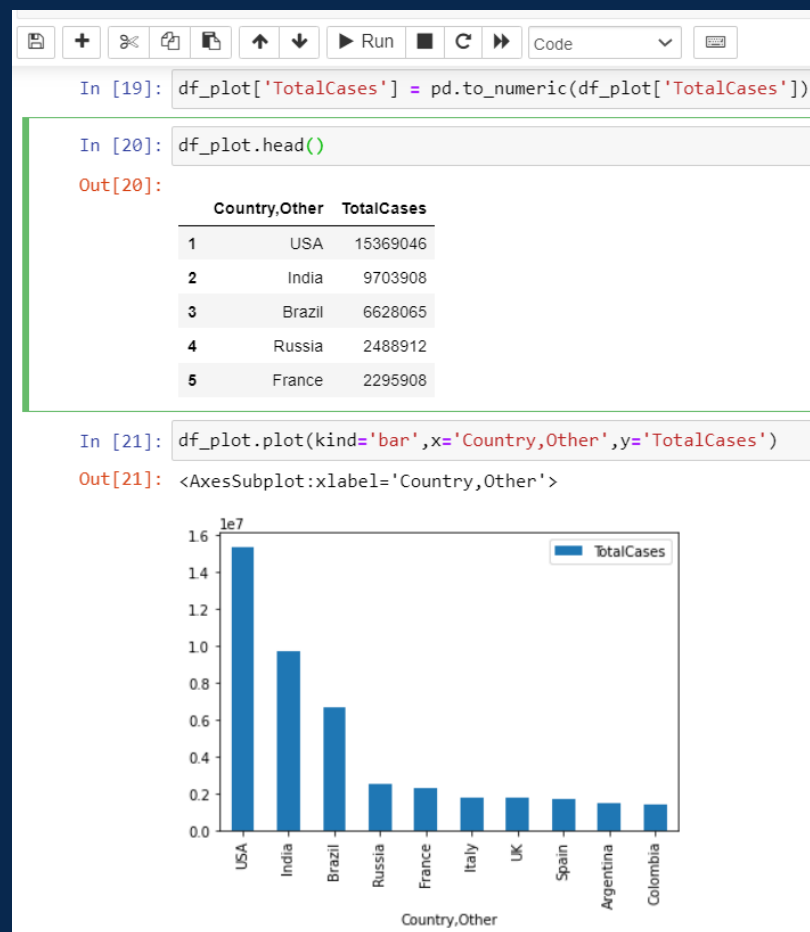
Dataset: <https://www.worldometers.info/coronavirus/>

Now Yesterday 2 Days Ago Columns Search:														
All Europe North America Asia South America Africa Oceania														
#	Country, Other	Total Cases	New Cases	Total Deaths	New Deaths	Total Recovered	Active Cases	Serious, Critical	Tot Cases/ 1M pop	Deaths/ 1M pop	Total Tests	Tests/ 1M pop	Population	
	World	67,938,995	+10,714	1,550,263	+451	47,023,575	19,365,157	106,130	8,716	198.9				
1	USA	15,369,046		290,443		8,982,246	6,096,357	26,455	46,313	875	209,496,456	631,300	331,849,210	
2	India	9,703,908		140,994		9,178,946	383,968	8,944	7,002	102	148,814,055	107,377	1,385,900,954	
3	Brazil	6,628,065		177,388		5,801,067	649,610	8,318	31,086	832	25,700,000	120,534	213,217,698	
4	Russia	2,488,912		43,597		1,956,588	488,727	2,300	17,052	299	79,700,000	546,033	145,961,882	
5	France	2,295,908		55,521		170,285	2,070,102	3,198	35,140	850	21,145,554	323,640	65,336,705	

Objective: obtain Italian COVID-19 data

Steps:

- Website analysis
- Obtain data





Summary

This chapter introduces the basic usage of Python and third-party libraries, and how to create your own Python program.





More Information

Online learning website

- <https://e.huawei.com/en/talent/#/home>

Huawei Knowledge Base

- <https://support.huawei.com/enterprise/en/knowledge?lang=en>

Thank you.

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每个组织，构建万物互联的智能世界。

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organization for a fully connected,
intelligent world.

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