



WORKSHOP ON BIG DATA FOR OFFICIAL STATISTICS

Host country: Brazil

Organizers: IBGE (Brazilian Institute of Geography and Statistics), Castlab (Computational Agricultural Statistics Laboratory of the Federal University of Pernambuco), NIC.br (Brazilian Network Information Center).

Date: February 21-25 of 2022

Time: 3 synchronous meetings from 2p.m. to 4p.m. (February 21, 23 and 25) Remaining days reserved for mini project development.

Format: Online

Context:

Most statistical institutes in Latin America and the Caribbean have not fully incorporated the use of Big Data in the production of Official Statistics yet. Awareness and training initiatives are key to foster this use. The possibility of knowledge exchange in a regional network is invaluable given that realities might be very similar, posing common challenges to different countries.

The **UNGP Regional Hub for Big Data in Brazil** has one workstream particularly turned to training and fostering the interest of young statisticians on the use of Big Data in Official Statistics. The concern here is to provide experimentation, hands on experiences for the theme to be more easily grasped by this public, shortening the way to potential application.

The first workshop:

A series of 2 workshops were planned for the period 2021-2022. The first workshop is entitled ***Introduction to web scraping applied to price indexes.***

The workshop will take place daily, from February 21 to 25, 2022. There will be three synchronous meetings from 14:00 to 16:00 (Brasilia time) on February 21, 23 and 25. On other days, participants will develop a mini project from the facilitator's instructions. The event will be held on the Zoom platform, Portuguese will be the main language and simultaneous translation into Spanish and English will be provided. Participants must have intermediate knowledge of R.

Target audience:

The workshop aims primarily to serve technicians and employees of National Statistical Institutes of Latin American and Caribbean countries, who are involved with studies or



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production of official statistics, based on Big Data. A limited number of places are reserved for professors, researchers and university students involved in studies related to Big Data to produce Official Statistics.

TENTATIVE AGENDA

February 21st - 2 p.m. BRT	Synchronous session
February 22nd	Mini project development
February 23rd - 2 p.m. BRT	Synchronous session
February 24th	Mini project development
February 25th - 2 p.m. BRT	Synchronous session: wrap-up class with general feedback about projects



Workshop
 Introdução ao web scraping aplicado a índices de preços
 Introduction to web scraping applied to price indexes
 Introducción al web scraping aplicado a índices de precios

Data: 21 a 25/2/22
Local: Plataforma Zoom



Workshop
 Introduction to web scraping applied to price indexes
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Date: February 21 - 25, 2022
On-line Zoom Platform

