



Shared Prosperity Dignified Life



Training course on: “Introduction in Data science and Big Data for official statistics and the SDGs”

Dates: ...6-8 November 2023

Draft Agenda

Day	Time	Contents
Monday 6 November 2023	11:00-14:00	<ul style="list-style-type: none"> • Opening • The role of NSOs and SDG data availability. • Data sources for demographic and social statistics. • Introduction to data science and Big Data and its relevance to Official Statistics • Big data analytics: Descriptive analytics (Data Presentation and statistical measures, correlations) • Practical exercises in python
Tuesday 7 November 2023	11:00-14:00	<ul style="list-style-type: none"> • Big data analytics: Predictive analytics (Regression, classification, clustering) • Practical exercises in python.
Wednesday 8 November 2023	11:00-14:00	<ul style="list-style-type: none"> • A Story Map on Natural and Technological Hazards, Arab Region, 1900 – 2023: A Geo-Statistical Tool for Risk Assessment ESCWA’s Geo-Statistical Laboratory will be presenting one of its latest iSEE* The Arab World thematic production by the Leave-No-Location-Behind Canvas (*integrating Society Economy and the Environment) • Imputation methods to fill the gap in SDG. • Practical exercises in python