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WHEN SOCIAL SCIENCE MEETS COMPUTER SCIENCE...

Webinar of Computational Social Science Laboratory (CSSL@CUHK)

Data Analytics in the Public Sector: The Case of Korea's COVID-19 Response

21 February 2024 (Wednesday), 09:30 - 11:00 (UTC+8, HKT)

Abstract

The COVID-19 pandemic has been a global disaster with significant impacts. In response to it, an unprecedented amount of data was generated. This data has been utilized in various ways for research and policymaking. In his lecture, Professor Ko examines the significance of data quality from the perspective of data analytics and explores how the use of different data and timing of analysis can sensitively alter outcomes in statistical analysis. He argues that the issue of data quality is relevant not only in developing countries but also in developed ones, asserting that it must be thoroughly considered before employing advanced analytical methodologies. By identifying the causes of data quality issues, he aims to provide insights on how data should be produced and shared in future pandemic situations. Additionally, he presents cases of collecting and sharing analysis results using Open APIs, and aims to suggest future directions for the development of public data analytics.



Prof. Kilkon Ko
Graduate School of Public Administration
Seoul National University

Biography

Prof. Kilkon Ko is a faculty member at the Graduate School of Public Administration, Seoul National University, and serves as the Director of the Asia Regional Information Center. He utilizes public data analytics for research on COVID-19, analysis of local finance, and comparative studies among countries. He has published a variety of books and papers, including "Handbook on Asian Public Administration" (Edward Elgar) and "Managing the COVID-19 Pandemic in South Korea" (Routledge).



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