
Leveraging AI for statistical editing: the case of the BIS AI Metadata Editor

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Abstract

With the growing push for FAIR data, ensuring the dissemination of rich, consistent and trustworthy metadata is key. However, metadata editing is typically very resource- and time-consuming. To cope with this challenge, this presentation sheds light on the AI Metadata Editor, a Python project developed by the BIS Data Bank which leverages AI assistants to edit time series metadata. Made by statisticians for statisticians, the solution has been designed to be light in terms of implementation, highly modular and customizable to respond to the changing business' needs. It also supports the Statistical Data and Metadata Standard (SDMX) which streamlines the editing process. Finally, the presentation will discuss the main requirements, challenges and risks associated with statistical editing leveraging AI solutions.