

Welcome to the Machine Learning Webinar!

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MACHINE LEARNING!!!



High-Level Group for the Modernisation of Official Statistics

- Committed Chief Statisticians actively steering the modernisation of statistical organisations
- Work collaboratively to identify trends, threats, and opportunities in modernising statistical organisations
- Executive Board is responsible for the strategic management of on-going activities
- Working groups (ongoing) and projects (time-limited)

Machine Learning Project

- Approved in December 2018 and launched in March 2019
- Advance the sound and efficient use of machine learning in the production of official statistics
- Over 120 participants, collaborators and supporters from 31 NSOs and 4 international organisations
- Three work packages
 - WP1: Pilot studies
 - WP2: Quality
 - WP3: Integration
- Sharing the work of the project
 - UNECE public wiki released last Friday
 - This webinar

Machine Learning Webinar

- Over 325 registrants from 46 countries and 95 organisations
- Share the results from **some** of the project's work
 - Pilot studies
 - Summary analyses
 - Demonstration of ML code
 - Developments in quality and integration
- Overview of the ML project outputs on the UNECE wiki
- Your thoughts on future directions for the ML group

Webex instructions

- Make that you connect with the right name
- Mute your microphone (except when you speak) and turn off your camera
- Post your questions for discussion in the chat box before using the microphone
- Check the webinar programme for Webex instructions and presentation files
- Check the ML outputs wiki pages for all the project's outputs
- Send any questions to **0_UNECE_InKyung_Choi** in the chat box

WP1 – Pilot studies

- Demonstrations of add value of ML in three areas: Coding and Classification, Edit and Imputation, use of Imagery
- 19 studies, 2 other developments and shared code/data
- Summary analysis on each area
- No two studies are alike (different sources of data, purposes and contexts)
- We invited you to look up each pilot study on the UNECE wiki