Welcome to the Machine Learning Webinar!
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