Workshop overview

Day	Session	Class/Room A	Class/ Room B
Nov 9	09:00 – 12:00	PET Lab Overview of the use of several PET techniques, which could be use during the PET Lab Hackathon Competition	AIS Data (part 1) Introduction to the AIS Task Team and the work programme (presentation) What is AIS and using UNGP AIS (hands-on) Optimizing AIS data extraction (hands-on)
	13:30 – 16:30	EO Data (part 1) Standardization of EO Methods; ML approaches for Land cover mapping given in-situ data scarcity; demo on Digital Earth Africa;	AIS Data (part 2) New CSO Ireland frontier indicators based on AIS data (presentation and demo) Identification of ports/berth using ML (presentation and demo) Discussion on potential use cases using AIS data (round table)
Nov 10	09:00 – 12:00	EO Data (part 2) 50 X 2030 initiative and in-situ data requirements. Best practices in geo-referencing; Building geospatial data science training courses based on user profiles; Geospatial data sharing using UNGP: present solutions and future directions.	Data Access and ML (Part 1) 1. Examples of the use of online (website) data for statistical purposes such as the impact of the digital economy and e-commerce, analysis of online job advertisements, online signals of COVID effects. 2. browse and explore the database and search engine of dataprovider.com, consisting of half a billion websites in more than fifty countries – hands-on

		MPD Data (part 1)	ML (part 2)
	13:30 – 16:30	**MPD Data (part 1)** Introduction and Launch of the Guidelines on use of MPD data for: Dynamic Population and census; Tourism: Migration: Information Society; Displacement & Disaster; and Transport	**ML (part 2)** Overview of use of Machine Learning in NSOs
Nov 11	09:00 – 11:45	**MPD Data (part 2)** How to implement an MPD pilot in 9 steps, Collaboration with Regional Hubs Break-out groups on use of MPD in developing countries	**ML (part 3)** Hands-on examples of use cases with Machine Learning in NSOs