AI for Good Lab

1.15-2.30 PM, 8 May 2024
Conference Room 12, UNHQ

RSVP: https://forms.gle/MwUbiNcF8wUvgDdG8

With less than 6 years to achieve the United Nations' Sustainable Development Goals (SDGs), Artificial Intelligence (AI) holds great promise by capitalizing on the unprecedented quantities of data now being generated on sentiment behaviour, human health, commerce, communications, migration and more. AI for Good is a year-round digital platform where AI innovators and problem owners learn, build and connect to identify practical AI solutions to advance the UN SDGs. The goal of AI for Good is to identify practical applications of AI to advance the United Nations Sustainable Development Goals and scale those solutions for global impact. It's the leading action-oriented, global & inclusive United Nations platform on AI. AI for Good is organized by ITU in partnership with 40 UN Sister Agencies and co-convened with Switzerland. As well as year around content, AI for Good hosts the AI for Good Global Summit, which this year will take place on 30- 31 May in Geneva, Switzerland.

Inspired by AI for Good, the International Telecommunication Union (ITU), Slalom Element Lab, and UN Department of Economic and Social Affairs (DESA) will organize a special hands-on AI for Good Lab at the 9th Science, Technology and Innovation (STI) Forum 2024. This Lab will also take place shortly after the Special Session convened by the President of ECOSOC, "Harnessing Artificial Intelligence for Sustainable Development Goals (SDGs)." It will showcase several practical applications of AI in accelerating the SDGs and show what is possible. More specifically, the Lab will offer the UN community in New York hands-on experience of engaging with some cutting-edge AI applications, including ones already in use by UN entities[1].

Workshop Activities:
1. Introduction: A brief overview of the lab presented by the co-hosts.
2. Hands-On stations: Interactive hands-on opportunities and demos where participants can move around in the lab and explore and experiment with real-life examples of AI contributions to the SDGs.

About Slalom Element Lab
Slalom Element Lab is a part of Slalom, a modern consulting firm focused on technology, business, and transformation. The Element Lab is a product engineering team within Slalom that helps organizations build, deploy, and manage software applications and products. They specialize in the areas of product innovation, software engineering, and digital transformation. They collaborate with clients to design and build software solutions, digital products, and services.

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[1] UN AI Actions https://aiforgood.itu.int/about-ai-for-good/un-ai-actions/

Programme

Opening segment
- **H.E. Ms. Paula Narváez**, Ambassador, Permanent Representative of Chile to the United Nations (3 mins)
- **Mr. Tomas Lamanauskas**, Deputy Secretary-General, ITU (3 mins)
- **Mr. John Tomik**, Managing Director, Slalom (3 mins)

Lab Hour
- Introduction: A brief overview of the lab presented by the co-hosts.
- Hands-On stations: Interactive hands-on opportunities and demos where participants can move around in the lab and explore and experiment with real-life examples of AI contributions to the SDGs.

Featured AI Applications

AIforGood, International Telecommunication Union (ITU)

AI for Good is presented as a year-round digital platform where AI innovators and problem owners learn, build and connect to help identify practical AI solutions to advance the United Nations Sustainable Development Goals. AI for Good is organized by ITU in partnership with 40 UN Sister Agencies and co-convened with Switzerland.

Learn more: https://aiforgood.itu.int/

Ukraine Public Pulse, Department of Management Strategy, Policy and Compliance, UN

Ukraine Public Pulse is a social media listening platform that analyzes tweets from 36 major cities and towns across Ukraine. Utilizing advanced natural language processing (NLP) and machine learning (ML) models, it performs semantic sentence encoding to classify tweets according to Sustainable Development Goals (SDGs), primary and secondary emotions, news types, and internal taxonomies. The results are displayed on an appealing visual dashboard, providing valuable insights into the status of SDGs across various locations in Ukraine, aiding in understanding local sentiments and priorities.

Learn more: link tbd
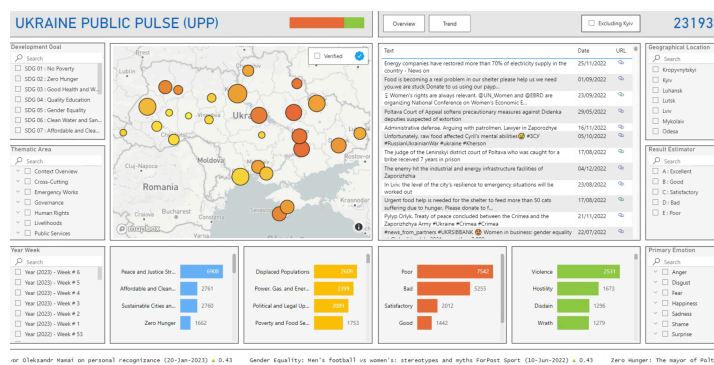
Drugs Monitoring Platform (UNODC)

The UNODC Drugs Monitoring Platform (DMP) is a multi-source system for collecting, visualizing, and sharing drug data aimed at providing access to near real-time data on drug trafficking trends, delivering data using interactive visualizations adapted to user-specific needs, and improving understanding of changes in illicit drug markets for law enforcement and analysts. The platform translates qualitative information on individual seizure cases into event-based data records where single seizures are geolocated and described with standardized variables, easy to use for analysis of trafficking patterns.

Learn More: dmp.unodc.org
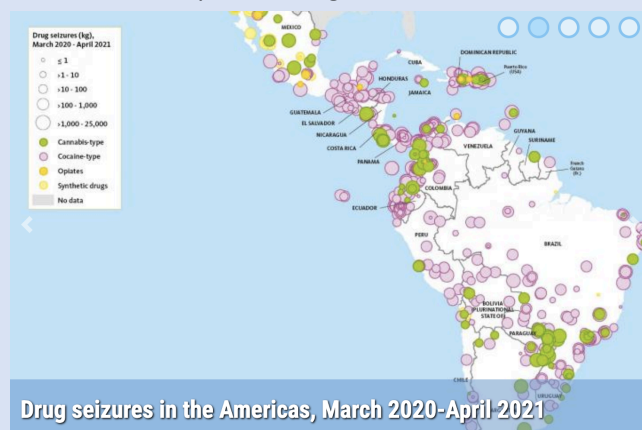
Drug seizures in the Americas, March 2020-April 2021

**Digital Development Compass, United Nations Development Programme (UNDP)**

The Digital Development Compass is an online tool created by UNDP in partnership with GitHub, which provides an analysis of a country's digital maturity based on indicators from almost 150 public data sources. It is the largest compilation of global datasets on digital, aggregating and visualizing these metrics for the first time. Ultimately, the Compass aims to support countries on their journey to inclusive digital transformation, through a rights-based, whole of society approach that leaves no one behind.

Learn more: https://www.digitaldevelopmentcompass.org/
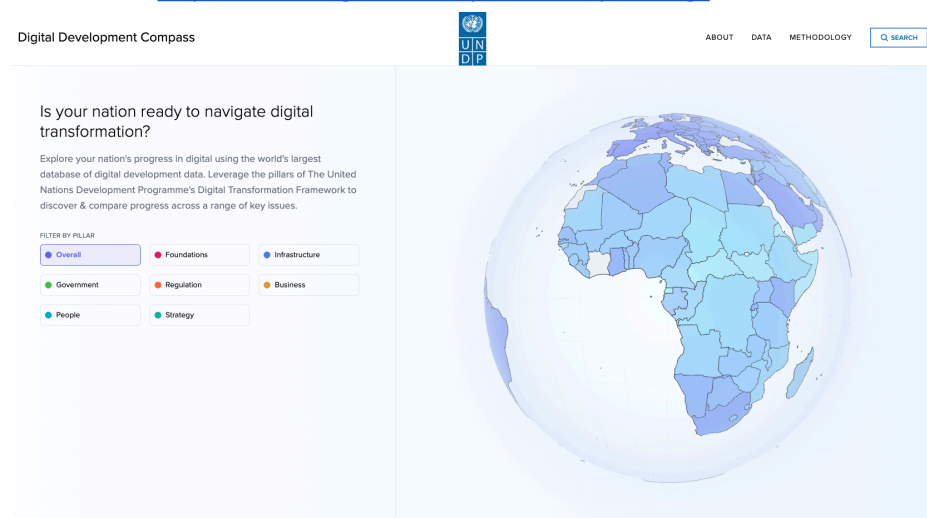
Utilizing AI to Combat Online Sexism in Latin America, United Nations International Computing Centre (UNICC)

The development of an AI model to automatically identify and flag sexist text content on social media in Latin American countries aligns with key United Nations Sustainable Development Goals (SDGs).

Digital Person, Slalom Element Lab

Better Streets with AI, Slalom Element Lab

Story Telling Dashboard, Slalom Element Lab

Robotics (dog), Slalom Element Lab

Virtual Reality Glasses, Slalom Element Lab