GSC
22
MONTREUX, SWITZERLAND
IEC
ISO

ITU and AI / Machine Learning

GSC-22, Montreux, March 2019

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1. ML in communication networks

- ML: taken up by most study groups
- Focus: ML for future networks incl. 5G (ML5G: https://itu.int/en/ITU-T/focusgroups/ml5g)

ML5G: Phase 1 (2018 – March): (almost) Completed Specs

Done:

- Architecture framework -> ITU-T Rec

To come:

- Use cases and requirements
- Framework for data handling to enable ML
- Method for evaluating mobile network intelligence level

ML5G: Phase 2: now – July 2020

- Identify ML-aided/-enabled networking functionalities, networking and computing entities, interfaces
- Data flow, data management
- Develop data sharing framework for operator-hosted datasets
- Sandbox framework

ML5G: Next meetings

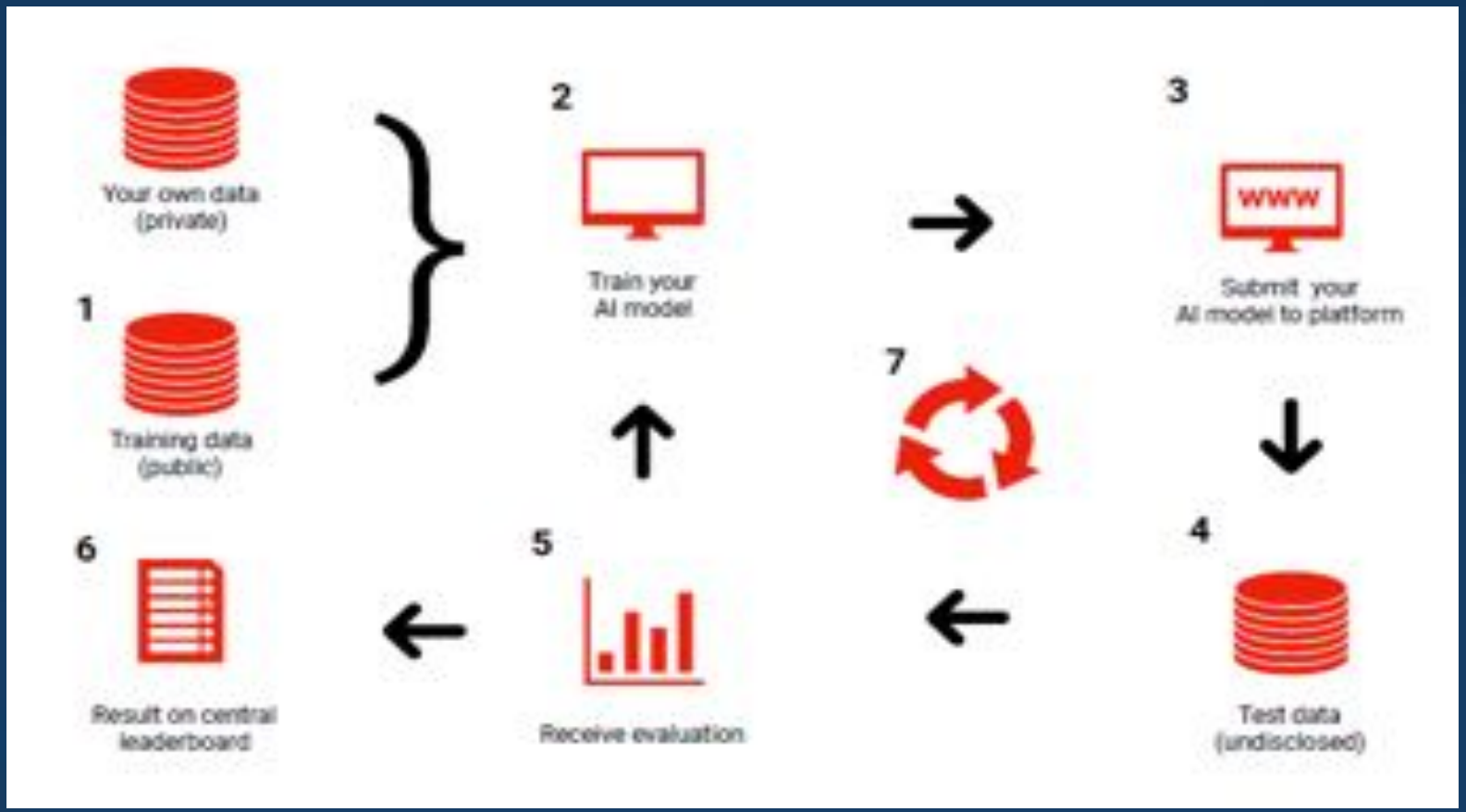
- 17-20 June, Geneva
- 4-7 November, Berlin
- Feb/March 2020
- July 2020

- Open to everyone: no cost, no membership

2. ITU + WHO have teamed up for AI for health

https://www.itu.int/en/ITU-T/focusgroups/ai4h

Goal: Developing benchmark framework for testing AI models for health



ITU/WHO develop benchmarks for:

- Cardivascular disease risk prediction
- Classifying autism through analysis of brian imagery
- Dermatology
- Falls among the elderly
- Histopathology
- Neuro-cognitive diseases
- Ophtalmology
- Psychiatry
- Snakebite and snake identification
- Symptom assessment
- Turberculosis

Next meetings

- Shanghai, 2-5 April 2019
- Geneva, 30 May – 1 June 2019
- Zanzibar, 2-5 September 2019
- New Delhi, November 2019
- Brasilia, January 2020

- Open to everyone – no cost, no membership

3. AI for Good Global Summit

ITUEvents
AI for Good
Global Summit
Accelerating progress
towards the SDGs
28-31 May 2019
Geneva, Switzerland
#AIforGood
XPRIZE
acm
ITU

GOAL OF AI SUMMITS

- Identify **practical applications of AI** to **accelerate progress** towards the **UN SDGs (Sustainable Development Goals)**
- Identify projects - more than just a talk shop