

Data Science & ICT in Inclusion

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Objectives of the Session

Provide participants with specific examples of the actual utilization of Data Science and ICT in international societies obtained through my experience. Discuss what scientists can do, including improvements to bring into society.

Plan of the Session (time)

- I. Introduction (3 mins)
 - A. A brief introduction about myself (3 mins)

- II. Specific examples and my experience in Data Science (15 mins)
 - A. Finance (3 mins)
 - a. Risk analysis
Analysis of market risks in the global market
 - b. Fintech
Blockchain governance and robo-advisors
 - B. Social Work (3 mins)
 - a. Social issues and Social Work
How Data Science works in Social Work
 - b. Disability Rights
Data Science in the disability sector
 - C. Experience of a Lecture at Rissyo University and Required Things in Data Science (9 mins)
 - a. Students' responses to the lecture
 - b. Required skills and knowledge
Randomized Clinical Research, Social Policy, R, SQL, SPSS

- III. Inclusion through Data Science & ICT (22 mins)
 - A. Segregation of children with disabilities in the educational environment in Japan (2 mins)
 - B. ICT applied for Inclusive Environment (20 mins)
 - a. Inclusive Education using Data Science & ICT
Discussions in international societies
 - b. Application for Inclusive Employment

SESSION SUMMARY

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IV. Questions and Answers (20 mins)

Answer the participants' questions and discuss them with them as needed.