

THE STATISTICAL INSTITUTE FOR ASIA AND THE PACIFIC

**Regional Training Course on Big Data
15 ~ 19 April 2019, Daejeon, Republic of Korea**

COURSE PROGRAMME

Time	Topics	Resource persons
Day 1		
09:00 – 09:30	Registration	
09:30-10:10	Opening Session/Photo Session <ul style="list-style-type: none"> • Welcome Remarks- KOSTAT • Opening Remarks- SIAP • Orientation: Course objectives, structure and expected results • Introductions [Participants, Resource Persons and KOSTAT Support Team] Group photo	
10:10 – 10:30	Tea Break	
10:30 – 11:00	Module 1: Overview of Big Data	
11:10-12:30	Session 1.1 Understanding Big Data Examples of using big data	
12:30 – 14:00	Welcome Lunch	
14:10-16:00	Module 2: Big Data Analysis Using R <ul style="list-style-type: none"> • Session 2.1: CIA Factbook data analysis 	
16:10-17:00	<u>Presentation and Discussion</u> Session 2.2: Text mining and word cloud Session 2.3 : Visualization using world map	
Day 2		
09:10 – 10:30	Module 3 : Big Data Use for Official Statistics	
10:40 – 12:00	Module 4 : Big Data Using Communication Data	
12:00 – 13:00	Lunch	

Time	Topics	Resource persons
13:10 – 14:30	Module 5 : Introduction of Integrated DB on Household Debt and Statistical Practice using the Data	
14:40 – 16:00	Module 6: The Online Price Analysis System	
16:10 – 18:00	Module 7 : The Use of Administrative Data	
Day 3		
09:10 – 11:00	Module 8 :Case Study on using administrative data for official statistics	
11:10 - 12:30	Module 9 : Producing Profit corporate statistics using Administrative data	
12:30 – 13:30	Lunch	
13:30 – 18:00	FIELD TRIP	
Day 4		
9:10 – 11:30	Module 10 : Crowd sourced data and social media data Session 6.1 : Client analysis using household finance big data	
11:30-12:00	APCICT	
12:00 – 13:00	Lunch	
13:10– 17:00	Module 10 : Crowd sourced data and social media data Session 6.2 : Big data processing, analysis and visualization using R	
Day 5		
9:10- 12:30	Module 10 : Crowd sourced data and social media data session 6.3 : Social Media Text Analysis	

Time	Topics	Resource persons
12:30-14:00	Farewell Lunch	
14:00 – 15:00	Country Report <ul style="list-style-type: none"> • Discussion: Advancing Big Data within your organization Country presentation	
15:10 – 16:00	Closing Ceremony	KOSTAT