Seminar on Management and Application of Government Big Data in the Cloud Environment

Name	Seminar on management and application of Government big Data in the cloud environment
Organizer	Shenzhen Association for Promoting International Economic & Technological Cooperation

Time	Nov 24th —Dec 14th, 2022	Language	English
Invited Countries	Developing Countries	Number of Participants	30

Training objectives	To enable trainees to gain in-depth understanding of the development process and current situation of cloud computing technology and application. Help the participates master the methods and technology of big data technology application; understand the fine management of big data, accelerate the construction of intelligent service. Introduce the Chinese big data enterprises, improve visibility, and promote the exchange and cooperation of big data industry between China and developing countries.

Requirements for the Participants	Professional background	--Field or specialty: engaged in business, statistics, customs, finance and tax. --Jobs: Related government department personnel or professional technicians engaged in business, statistics, customs, finance and tax.
	Language	Capable of listening, speaking, reading and writing in English
	Others	Be able to use VOOV Meeting platform to complete the project schedule.

Training content introduction	1. Main training courses and content introduction (1)Inferential statistics, introduce the use of smaller groups of data to infer the characteristics of possible larger groups; (2) Application of statistical software SPSS, introduce software products for statistical analysis, data mining, predictive analysis and decision support tasks and related Services and its wide application in various fields of natural sciences, technical sciences, and social sciences. (3)ACESS data management and analysis, introducing the operation of a database management system that combines the graphical user interface of the database engine with software development tools; (4) System architecture analysis and research and development of big data, introduction to system development of big data sampling and analysis. (5) data management and data services, introduction of data management methods and related application services . (6) construction of government databases, introduction of database services to government affairs. (7) Introduction to blockchain. (8) Internet of Things technology and Application.

(9) Data processing, refining and analysis technology;

(10)Data collection, refinement and analysis of Shenzhen business system, introduction to Shenzhen Effective application of database technology in a business environment.

(11) Cloud security technology;

(12) Cloud computing deployment and management

(13) The Application of big Data in e-government

(14) China's business data (including foreign economic, foreign trade, foreign investment, foreign contracted projects and foreign labor cooperation, etc.) collection, statistical experience and practices.

In addition, we also arranged a cloud visit to China Information and Communication Technology Group to introduce the design and development, production organization structure and product characteristics of China Information and Communication Technology Group in an all-round way so that everyone can understand the application of information technology industry more intuitively; organize two seminars to share students from various countries Share the situation of communication technology construction and the practical significance of the courses for all countries, and summarize the learning experience.

2. Introduction to Thematic discussion

(1) Thematic discussion: The Big Data;

(2) Thematic discussion: exchange of Government data management and command of research

(3) Thematic discussion: exchange of the construction of information security and comprehensive large-scale trade market   big Data in the cloud environment

3. Introduction to the cloud platform visit

Visit the Shenzhen Cloud Computing Center to learn about the supercomputer database.

4. Introduction of some speakers

(1) Li Yingying: Shenzhen Vocational Technology Associate Professor focuses on broadband metropolitan area networks and other related fields.

(2) Zhang Jiajia: Associate Professor of Harbin Institute of Technology, focusing on big data technology and application related fields.

(3) Ding Ye: Associate researcher at the Hong Kong University of Science and Technology Fok Yingdong Research Institute, research direction: intelligent transportation, blockchain, etc.

(4) Li Chunlin: Senior Lecturer of Education Technology and Information Center of Shenzhen Vocational College.

(5) Zhang Yuan: Director of Solution Design and Sales Department of Huashi Intelligent Co., Ltd.

(6) Wang Yongxue: Ph.D. from South China University of Technology, working as the deputy dean of the School of Electronics and Communication Engineering of Shenzhen Polytechnic Institute, a national-level leading talent, a leader in communication technology, and won the special prize of the National Teaching Achievement Award. Zero breakthrough, presided over and participated in more than 10 national, provincial and ministerial topics, published 2 monographs, 5 textbooks, and more than 30 indexed papers on 10 patents. The main courses include communication principles, 4GLTE networking and maintenance and other courses.

5. Materials to be prepared by the trainees

	Please get in touch with the organizer in advance before starting the project, familiarize yourself with the Tencent Conference Overseas Edition platform software, and do a good job of network testing. In order to facilitate communication with Chinese experts, please prepare your country's communication materials related to the subject of the training, such as: ①including self-introduction of majors and units ②the current status of management and application of Government big Data in the cloud environment and existing problems in their respective countries; The status quo of international cooperation with international organizations in the country; ④The basis of cooperation with China, etc. 6. Final test/assessment In the form of test questions or essays
Notes	1. Responsibilities and obligations: The trainees are representatives of the government, country and people of the country where they are located. They are responsible for their actions and performance, abide by Chinese laws and relevant regulations of the training class, and perform corresponding obligations. 2. Disciplinary requirements: during the implementation of the project, please strictly abide by the project schedule, do not arrange activities unrelated to the training without authorization, do not withdraw from the training without any reason.
About the Organizer	The Shenzhen Association for Promoting International Economic & Technological Cooperation (APIETC) was established in October, 2003. It is a social organization sponsored by the Commerce Bureau of Shenzhen Municipality. Under the country's strategy of "Expanding Outward", APIETC guides and helps Shenzhen local enterprises to expand their overseas markets, as well as promote international economic and technological cooperation and exchange. APIETC has a solid background in high-tech field such as telecommunications and computer technology. They are specialized in organizing seminars and training courses in these fields. It has undertaken 149 training programs and trained 4164 Participants from developing countries by the end of 2021 and have extensive experiences in the management of China Aid training programs. Through years of self-accumulation and close cooperation with member units such as Huawei and ZTE, we have hundreds of square meters of computer rooms, two comprehensive laboratories and a variety of computer equipment, and we also have a number of rich in the field of communication and information industry. A team of experts with training and teaching experience.
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