

Dear Sir / Madam,

Please find my inputs for the recent digital 21 consultation paper as below for your consideration.

(1) Technology collaboration with different mainland cities – An expansion from Guangdong to Beijing and Shanghai kinds of big cities with national leading research institutes.

The Guangdong and Hong Kong authorities have supported technological collaboration between two places through the “Guangdong/Hong Kong Technology Cooperation Funding Scheme”. The scheme should be extended to other cities including Beijing and Shanghai with a lot of great research institutes.

(2) Manpower import - Import of foreign or mainland IT talents:

Hong Kong lacks sufficient IT graduates in the past 10 years to meet the market needs. A lot of companies cannot hire sufficient IT talents may need to move their IT departments to other foreign countries. Also, the lack of IT talents also damages the healthy development of the IT companies in Hong Kong. Favorable IT manpower import policies should be launched for attracting foreign or mainland IT talents.

(3) Tertiary IT Education – Training for Data Scientists:

Publications are touting data science as a hot career choice. In order to train up the future IT professionals, a lot of reputable Universities are starting to provide data science trainings. However, there is no sign that our local universities are organizing any data science course. Funding should be given to local universities to encourage them to organize data science training programmes.

Data science draws from many “traditional” fields of study. Fundamental principles of causal analysis must be understood. A large portion of what has traditionally been studied within the field of statistics is fundamental to data science. Methods and methodology for visualizing data are vital. There are also particular areas where intuition, creativity, common sense, and knowledge of a particular application must be brought to bear. A data-science perspective ^[OO]provides practitioners with structure and principles, which give the data scientist a framework to systematically treat problems of extracting useful knowledge from data. (Provost & Fawcett, 2013)

Regards,

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