Launch of Minor in Computing and Data Analysis

In this era of big data where there is a huge volume of digital information, it is imperative to be equipped with capabilities to extract knowledge and insights from large data, and turn them into useful information for better and more informed decision making.

The Infocomm Media 2025 masterplan, Singapore’s government road map for the Information and Communication Technology (ICT) sector, ranks big data as one of the key strategic thrusts for the nation. The Infocomm Development Authority of Singapore (IDA) also said that the demand for data analytic professionals will continue to grow.

With the huge demand for data analytics in different sectors of the industry, the School of Computer Science and Engineering (SCSE) is revising the current ‘Minor in Computing’ to ‘Minor in Computing and Data Analysis’ so as to incorporate data analysis techniques into the minor for non-SCSE students.

The new ‘Minor in Computing and Data Analysis’, that will be made available from Academic Year 2017-2018 Semester 1, will equip non-SCSE students with both basic programming skills as well as data analysis skills. It is desired that students would be able to identify the basic concepts and the scope of work in data science area; choose suitable methods for data analysis; implement typical methods using R; and interpret the results, upon completion of the course.