International Workshop in
Requirements Engineering and Design for Big Data Analytics and Applications (REDBDAA2017)

Big data has provided an opportunity for organisations to get insightful information from very large databases and a wide variety of data sources. However, there are various challenges throughout the key phases of the data analytics life cycle, from discovery, data preparation, model planning, model building, results communication, and operation. Especially in the early stages, it is challenging whether all stakeholders’ requirements are fully discovered and understood prior to conducting data analytics techniques, and whether existing data sources are appropriate with respect to data quality towards achieving the data analytics objectives. In addition, systems are not being designed with business intelligence/data analytics processes in mind. For example, quality of data may not be appropriate or may need to be augmented in order to be useful for data analytics/business intelligence activities. In terms of systems design, data analytics/business intelligence activities may not be precisely known at the time when a system is being designed and behavioural adaptation techniques may be required. This workshop aims to explore the areas of requirements engineering and design for business intelligence and data analytics from both theoretical and applications points of view. It aims to present approaches, frameworks and tools that target the early stages of systems development. At the same time, it welcomes applications that have focused on requirements and design for data analytics/business intelligence applications.

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