

ABSTRACT

Business Intelligence (BI) is a system and application functions to convert the data in a company or organization in the form of knowledge. Telkom Institute of Technology is an institution that engaged in academic. Lectures in IT Telkom are required to carry out society service activities, according to Tri Dharma Perguruan Tinggi.

However, the majority of lecturers spend most of their time for only teaching. It is evident from the number of the society service by the lecturer in 2012 as much as 4 society services. Lecturer in IT Telkom consist of 270 people. The number of lecturers involved in the 4 society services above is 44. Judging from the ratio of active lecturer: Total lecturers = 44 Total : 270 or about 16,24%. So it is required to make reports as an evaluation of society service by the faculties given to the director of DP2M. Thus, business intelligence methods are needed to help DP2M processing society service data to produce reporting and analysis.

In business intelligence, faculty society service data are fragmentary data processing can be made into a data warehouse. The data warehouse is created will produce lecturers society service data reporting IT Telkom. It also can generate analytic connectedness of the faculty profile related to faculty research activities IT Telkom.

With the establishment of business intelligence, DP2M as the admin will be easier in the preparation of reports as well as the Director of DP2M would be easier to accept the report and evaluate faculty IT Telkom society service. However, subsequent research is needed again for the data lecturer with the larger scope of research that can be done to the entire campus under YPT.

Keywords: business intelligence, data warehouse, report, analytic, society service, Lecturer IT Telkom