

## **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 one of the emerging institutions, especially in terms of improving the quality of lecturers. Based on the research conducted, it was found that 90% of IT Telkom student FRI very influential spirit of learning on faculty performance in the classroom. Therefore, the institution, especially in the industrial engineering faculty make student satisfaction questionnaire which must be completed by students in each semester.*

*However, because each year the number of lecturers FRI Telkom has increased and a separate data processing makes the difficulties in reporting HR related IT lecturer FRI Telkom. Reports are made to function as a lecturer evaluation given to top-level management. Thus, it takes business intelligence methods that can help the human resources data processing lecturer in IT FRI Telkom to generate reporting and analysis as well produced.*

*In business intelligence, FRI faculty activity data are fragmentary data processing can be made into a data warehouse. The data warehouse is created will produce lecturers FRI activity data reporting IT Telkom. It also can generate analytic connectedness related to the level of student satisfaction with faculty Telkom FRI FRI faculty activities Telkom.*

*With the establishment of business intelligence, human resources as the admin will be easier in the preparation of reports as well as the top-level management would be easier to accept the report and evaluate faculty FRI IT Telkom. However, subsequent research is needed again for the data lecturer with the larger scope of research that can be done to the entire faculty of IT Telkom.*

*Keywords: business intelligence, data warehouse, report, analytic, Lecturer FRI IT Telkom*