WEB-BASED BUSINESS INTELLIGENCE DASHBOARD DEVELOPMENT FOR MONITORING THE SUCCESS RATE OF MANPOWER DEVELOPMENT (CASE STUDY: PROVINSI JAWA TIMUR)

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Abstract

Indeks Pembangunan Ketenagakerjaan (IPK) is one of measuring instruments that can reflect the status / condition of employment development in a province. In fact, IPK measurements held every March to April using the previous year employment data, and announced at the end of the year. Considering that Jawa Timur is a province with the fastest economic growth rate, that is 7.27% in 2012, this makes the IPK score that generated by Kemenakertrans is no longer reliable for materials evaluation and workforce planning. A long process will be more effective and efficient if it supported with the development of web-based technologies Business Intelligence Dashboard (BI Dashboard) that can generate an IPK scores in real time and presented in a dashboard visualization.

The output of this final assignment is produce BI Dashboards that are able to process employment data to become actual values, sub indicator index, key indicator index and IPK score in real time. The results of the data processing are presented in a dashboard visualization using Google Chart Tools. With this software, Disnakertransduk Jawa Timur can evaluate the performance of manpower development quickly and support the creation of an effective workforce planning.

Keywords— IPK, BI Dashboard, Google Chart Tools