ABSTRACT

RESTRICTED BOLTZMAN MACHINE IN TENSORFLOW FOR MNIST DATASET

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PKL / KP is supporting student activities in shaping the character of students in the world of work. PKL / KP is an implementation to convey the knowledge gained from college. Students are required to do street vendors in selected companies or industries according to their respective study interests. Applying science gained from courses done in Purwokerto Telkom Institute of technology on the world of work. Implement the science that has been obtained on the creation of a project group at work.

The method used at the time of PKL/KP by using several methods, including methods of discussion method is done by examining the solution of existing problems from sources on the internet. Next interview method, this method is done by asking the supervising field or teammate. The latter is done is implementation, which try to run programs that have already obtained when doing the Eksplore and learn the final results produced.

The author chose PKL in the Telkom Tower multimedia served in problem solving on software inside, and placed on the Digital Services Division who entered on team Eksplore. Where in the Eksplore Team assigned to help solve the problem and provide appropriate solutions to deal with the problems that occurred during the working of the application. After all the exposure is done then the obtained conclusions that program that is used or is being run less in optimization for the accuracy of the desired end result and not as expected.