ABSTRACT

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PENGKLASIFIKASIAN DOKUMEN PEMERINTAHAN KOTA DEPOK MENGGUNAKAN METODE COSINE SIMILARITY DAN TF-IDF BERBASIS PYTHON

Along with the current development of information and communication technology, it also influences people's attitudes or behavior towards the need for internet and computers. Using the internet, people can download various documents on the internet. The government, especially the City of Depok, can use the internet to manage documents digitally via the internet. The ease of obtaining documents via the internet also causes a buildup of documents, making it difficult to find these documents. This problem was successfully resolved using the Cosine Similarity method and TF-IDF weighting was used to classify documents for Depok City. In this study, Cosine Similarity and TF-IDF Weighting were used to compare documents that already have categories with documents that do not yet have categories. The application is made using the Python programming language with the Streamlit Framework.

Bibliography (2013-2021)