

## **Abstract**

**Fatwa is an important part of the Islamic religion where the purpose of the fatwa is to answer the problems that exist in the daily lives of Muslims. Fatwa can be interpreted as the result of negotiations between groups or organizations that specifically explore the problem of Islam, where the fatwa refers to the Qur'an and the hadith.**

**The problem to be resolved in this thesis is to find out the similarities in the fatwa, where the fatwa taken comes from the official website of MUI, NU, MUHAMMADIYAH and PERSIS. The dataset taken from the site is then compared with other datasets but with the same problem / topic. By using the Latent Semantic Indexing method and using the singular value decomposition technique, it is hoped that the similarity between the fatwas can be compared. The dataset used is Indonesian data. In searching for the similarity of fatwa this study uses cosine similarity calculations. To analyze the results obtained from cosine similarity will be compared with jaccard similarity.**

**Keywords: Fatwa, Latent Semantic Indexing, Cosine Similarity, Jaccard Similarity**

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