

## **Abstract**

The Qur'an is the main source of Islamic religious teachings which has a very high degree of interrelationship between its verses. The most natural way to present the relationship between these verses is to present the Qur'an in a *Knowledge graph* format. This study will try to present the Qur'an in a *Knowledge graph* format with each verse that will be used as a node and the relationship between each verse which is used as a relation (arc) on the *knowledge graph*. Previously, there had been researched that presented the Qur'an in the format *Knowledge graph* using Neo4j 'Visualisasi Tematik Al- Qur'an berbasis Knowledge Graph'. Different from previous research, this research will use TigerGraph for the process of presenting a *knowledge graph*. In the testing process, two types were carried out, namely comparing this research with previous research in terms of the completeness of the connectedness of the verses produced. and involving examiners (Al-Qur'an experts) to test the completeness of the connectedness of the resulting verse. The results obtained from this study are that in testing the first type of data that can be generated by this system, the results of the theme are more complete than previous studies because they use different datasets. In the second type of test, the results of the relationship are different when validated by the examiner because the data generated is in accordance with the data originating from the dataset source, the difference in the results of this relationship is due to several differences in the definition of certain words or sentences from the Arabic meaning when translated into Indonesian.

**Keywords:** Al - Qur'an , *Knowledge graph* , Thematic Visualization , TigerGraph.