

## Research Motivation Sheet

**Proposed Title:** Experimental Study on Transfer Learning from LLaMA2 Annotated Data for Indonesian Sexual Harassment Detection: A Comparative Analysis.

**Previous Studies:** “Comparison of LSTM, SVM, and naive bayes for classifying sexual harassment tweets:” conducted by Nikmah T. L., et al [1]. showing the manual annotated sexual harassment dataset that have 2990 tweets crawled from Twitter (now X) have the highest result at 86.54% accuracy by using SVM, 85.45% using Naïve bayes, and 84.62% using LSTM.

**Motivation :** To evaluate the ability of Llama2 to recognize Indonesian sexual harassment pattern and to compare the set of results with previous studies that conducted by using manual annotation.

**Dataset:** from Nikmah T. L., et al.

### Reference:

- [1] T. L. Nikmah, M. Z. Ammar, Y. R. Allatif, R. M. P. Husna, P. A. Kurniasari, and A. S. Bahri, “Comparison of LSTM, SVM, and naive bayes for classifying sexual harassment tweets,” *Journal of Soft Computing Exploration*, vol. 3, no. 2, pp. 131–137, 2022.