**APLICACIÓN DE TÉCNICAS DE INTELIGENCIA ARTIFICIAL EN INFORMACION RELACIONADA A LA SEGURIDAD NACIONAL**

Integrantes:

Daniel Flores: Preprocesamiento

Jean Panamito: Análisis de sentimientos

Tais Balcazar: Tópicos

Ruth Reátegui: Preprocesamiento, Tópicos

Janneth Chicaiza: Preprocesamiento, Análisis de sentimientos

Horario posible reuniones: jueves 8:30, viernes

**PAGÍNAS DE INTERES**

**Preprocesamiento**

* <https://medium.com/product-ai/text-preprocessing-in-python-steps-tools-and-examples-bf025f872908>
* <https://www.geeksforgeeks.org/text-preprocessing-in-python-set-1/>
* <https://www.kaggle.com/code/sudalairajkumar/getting-started-with-text-preprocessing>
* <https://towardsdatascience.com/text-processing-techniques-on-twitter-data-69233296c778>

**Topic Modeling**

* <https://towardsdatascience.com/topic-modeling-and-latent-dirichlet-allocation-in-python-9bf156893c24>
* https://towardsdatascience.com/evaluate-topic-model-in-python-latent-dirichlet-allocation-lda-7d57484bb5d0
* <https://towardsdatascience.com/topic-modeling-with-bert-779f7db187e6>
* <https://towardsdatascience.com/interactive-topic-modeling-with-bertopic-1ea55e7d73d8>
* https://towardsdatascience.com/short-text-topic-modeling-70e50a57c883
* https://www.machinelearningplus.com/nlp/topic-modeling-visualization-how-to-present-results-lda-models/

**Análisis de sentimientos**

* [Análisis de Sentimientos de Tweets en Español Basado en Técnicas Aprendizaje Supervisado](https://eprints.ucm.es/id/eprint/73994/)
* [[Basic Data Cleaning/Engineering Session ] Twitter Sentiment Data](https://medium.com/towards-data-science/basic-data-cleaning-engineering-session-twitter-sentiment-data-95e5bd2869ec)
* <https://realpython.com/python-nltk-sentiment-analysis/>
* <https://www.analyticsvidhya.com/blog/2021/06/twitter-sentiment-analysis-a-nlp-use-case-for-beginners/>
* <https://www.geeksforgeeks.org/twitter-sentiment-analysis-using-python/>

Trabajar con una base de 10000