Predicting Virality with Extreme Gradient Boosting on Online News Popularity Data

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In this digital age that we’re in, understanding the different factors that contribute to the popularity of online news articles has become a

In this study, eXreme Gradient Boosting or XGBoost is used to analyze the Online News Popularity Data by Fernandes et al. (2015) and predict the popularity of online articles.

# A – Research Question

This study focuses on the research of whether eXtreme Gradient Boosting, also known as XGBoost, can be constructed based solely on the research data.

# B – Capstone Release Form

Attached file: “Ednalyn\_De\_Dios\_MSDA\_Release\_Form.pdf”

# C – Sources

* Fernandes,Kelwin, Vinagre,Pedro, Cortez,Paulo, and Sernadela,Pedro. (2015). Online News Popularity. UCI Machine Learning Repository. https://doi.org/10.24432/C5NS3V
* Uddin, Md. Taufeeq (2018). Predicting the Popularity of Online News from Content Metadata. Retrieved August 29, 2023, –from https://github.com/krishnakartik1/onlineNewsPopularity/blob/master/Paper2/Predicting%20the%20Popularity%20of%20Online%20News%20from%20Content%20Metadata.pdf