Politecnico di Torino
SmartData@PoliTO

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https://smartdata.polito.it/category/smarttalks/

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Giordano is a Ph.D. student at DAUIN. He previously spent one year as a researcher at ISI Foundation, where he broadened his expertise in computational social science. His research passionately investigates the dynamics of social networks, with a particular emphasis on political discourse analysis using advanced network analysis, natural language processing, and large language models.

Mining and Analyzing Telegram Discussions on the 2024 US Elections

ABSTRACT

Telegram has emerged as a pivotal platform for political discourse, particularly during the **2024 US elections**. In this ongoing project, we leverage network analysis and advanced NLP techniques to analyze **hundreds of millions of Telegram messages** across thousands of groups. Preliminary topic modeling has identified discussions around critical events, including the **Trump assassination attempt**. However, when combined with a community detection analysis, we found that approximately 80% of the content in the dataset originated from small community of groups and channels primarily discussing cryptocurrencies.

This raises significant concerns about the methods used to collect the dataset and suggests the need for **improved data collection practices** in the future. This talk will present our methodological approach and future directions, highlighting challenges and opportunities in capturing dynamic political conversations on Telegram.