

Tawasol

Project Description:

Tawasol is a dashboard for Public Transportation Social Listening that continuously tracks different social media channels in order to capture any relevant feedback related to the public transportation system or big social events in Qatar. Given the unique multinational and multicultural nature of Qatar residents, Tawasol will support major spoken languages in the world, with a special emphasis on the ones used in Qatar such as Arabic, Urdu, Tagalog, Baloshi. The system collects in real-time all relevant social media posts. It will then analyze their content by applying different machine learning techniques in order to extract relevant information, including: Sentiment Analysis, Geolocation, Propaganda detection, etc.

Duties/Activities: enhancing the existing dashboard, visualizing real-time tweets on interactive map and enhancing the backend processes.

Required Skills: Python, mongoDB, Javascript/HTML, Redis

Preferred Intern Academic Level: Bachelor degree

Learning Opportunities: This project is a great opportunity to learn how to analyze data and visualize it in an interactive dashboard.

Expected Team Size: *Ideally two interns.*

Mentors

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