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(51) International classification :G06Q0030020000, G06F0040300000, G06N0005040000, G06Q0050000000, H04L0051020000 (86) International Application No :NA Filing Date :NA (87) International Publication No : NA (61) Patent of Addition to Application Number :NA Filing Date :NA (62) Divisional to Application Number :NA Filing Date :NA	(71)**Name of Applicant :** 1)**Chitkara University** Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India Patiala ----------- ----------- 2)**Bluest Mettle Solutions Private Limited** **Name of Applicant : NA** **Address of Applicant : NA** (72)**Name of Inventor :** 1)**MISHRA, Rahul** Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ----------- ----------- 2)**SINGH, Dhiraj** Address of Applicant :ODC-4, Panchshil Tech Park, inside Courtyard by Marriott premises, Hinjewadi Phase - 1, Pune - 411057, Maharashtra, India. Pune ----------- ----------- 3)**SINGH, Jaiteg** Address of Applicant :Chitkara University, Chandigarh-Patiala National Highway, Village Jhansla, Rajpura, Punjab - 140401, India. Patiala ----------- -----------

(57) Abstract :

Embodiments of the present disclosure provide a system (100) and method (200) for Twitter trend analysis using artificial intelligence. In an aspect, the present disclosure provides a method (200) of Twitter trend analysis using artificial intelligence. The method (200) begins with downloading (202), by a processor (102), tweet data from Twitter in real-time. Next, the method (200) processes (204), by the processor (102), the downloaded tweet data. Thereafter, the method (200) analyses (206), by the processor (102), the processed tweet data to determine a tweet sentiment related to a Twitter trend. In the end, the method (200) generates (208), by the processor (102), generate a sentiment analysis report based on the determined tweet sentiment.

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