

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202611045026 A

(19) INDIA

(22) Date of filing of Application :08/04/2026

(43) Publication Date : 22/05/2026

(54) Title of the invention : SYSTEM FOR REAL-TIME STOCK MARKET ANALYSIS AND PORTFOLIO MANAGEMENT

(51) International classification	:G06Q 40/04, G06Q 40/00, G06Q 40/06, G06Q 10/06, G06Q 30/02	(71)Name of Applicant : 1)NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY Address of Applicant :19, KNOWLEDGE PARK-II, INSTITUTIONAL AREA, GREATER NOIDA-201306, GAUTAM BUDDHA NAGAR, UTTAR PRADESH, INDIA Uttar Pradesh India (72)Name of Inventor : 1)AADITYA SINGH 2)ANSHUL JOSHI 3)ALOK VISHWAKARMA 4)GARIMA JAIN
(31) Priority Document No	:NA	
(32) Priority Date	:NA	
(33) Name of priority country	:NA	
(86) International Application No	:	
Filing Date	:01/01/1900	
(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	

(57) Abstract :

Disclosed herein is a system (100) for real-time stock market analysis and portfolio management, comprising an user interface (102) integrated with a user device (101) to allow a user to provide input data to system (100), a data acquisition module (104) operatively connected to user interface (102) to obtain financial market data from one or more sources, a communication network (106) to transmit data between several components of system (100), a processing unit (108) to integrate and analyze real-time and historical market data using predefined financial models and data analytics techniques. The processing unit (108) comprises an input module (110), a data processing module (112), a market analysis module (114), a risk assessment module (116), a diversification analysis module (118), a pattern recognition module (120), a predictive modeling module (122), an insight generation module (124), and an output module (126).

No. of Pages : 29 No. of Claims : 10