

(12) PATENT APPLICATION PUBLICATION

(21) Application No.202511100845 A

(19) INDIA

(22) Date of filing of Application :17/10/2025

(43) Publication Date : 05/12/2025

(54) Title of the invention : A CLOUD-SUPPORTED SYSTEM FOR AUTOMATED MACHINE LEARNING PIPELINES

(51) International classification	:G06N0020000000, G06N0003045000, G06N0005010000, G06N0007010000, G06N0020200000	(71) Name of Applicant : 1)NOIDA INSTITUTE OF ENGINEERING & TECHNOLOGY Address of Applicant :19, Knowledge Park-II, Institutional Area, Greater Noida – 201306, Uttar Pradesh, India. Uttar Pradesh India
(31) Priority Document No	:NA	(72) Name of Inventor :
(32) Priority Date	:NA	1)SAVITA YADAV
(33) Name of priority country	:NA	2)SAVITA YADAV
(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 :

The present invention discloses a cloud-supported system (101) for automated machine learning pipelines, integrating modules including data ingestion (102), preprocessing (103), model training (104), deployment (105), monitoring (106), and secure storage (107). The system automates end-to-end ML workflows, ensuring scalability, efficiency, and adaptability.

No. of Pages : 14 No. of Claims : 6