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(57) Abstract :
 The present invention relates to an AI-powered automated data migration system comprising a legacy data extraction engine (103), schema mapper (104), transformation unit (105), adaptive scheduler (106), validation module (107), and migration engine (108). The system intelligently extracts, maps, and migrates data from legacy IT infrastructure (101) to modern systems (102) with minimal manual intervention. It ensures accuracy, compliance, and optimal timing using machine learning and reinforcement learning models for high efficiency.

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