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(57) Abstract :

The present invention provides a spam email classification and blocking system that utilizes advanced techniques to automatically categorize and prevent the delivery of spam emails. The system includes a data processing unit, a machine learning module, a database, and an email blocking module. Incoming emails from user accounts and the internet are scanned by the data processing unit. The machine learning module analyzes email content using machine learning algorithms, natural language processing, and image recognition to classify emails as spam or non-spam. The database stores historical data for training the machine learning module. The email blocking module takes action to block and delete identified spam emails. Optional components, such as an email filtering module, further enhance the spam filtering process. The system can be implemented as standalone software, an email client plugin, or a cloud-based service. By integrating with existing email security programs, it offers an automated and effective solution for preventing spam emails, enhancing email security.

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