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(57) Abstract :
The invention is a cutting-edge real-time spam filtering system (100) designed to combat the growing problem of spam emails. By leveraging advanced technologies such as machine learning algorithms (108), natural language processing techniques (112), and statistical analysis (112), the system can accurately identify and filter spam emails in real-time. It maintains a centralized database of known spam emails (106), enabling efficient comparison and detection of spam. The system also incorporates user feedback (116), allowing users to report any missed spam emails or false positives, leading to continuous improvement of the machine learning models and the spam database. Additionally, the system is scalable, capable of handling large volumes of incoming emails, and can be implemented as a standalone software application, a web-based service, or a plugin for email clients. Overall, this innovative invention offers an effective solution to protect individuals and organizations from the risks and nuisances associated with spam emails.

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