**Trí tuệ nhân tạo giúp ích cho việc chăm sóc sức khỏe**

(Cập nhật đến ngày 17/3/2023)

Trí tuệ nhân tạo ( AI ) trong chăm sóc sức khỏe là sử dụng các thuật toán và phần mềm phức tạp để ước tính nhận thức của con người trong việc phân tích dữ liệu y tế phức tạp. AI thực hiện điều này thông qua các thuật toán học máy như học máy cổ điển, học máy sâu và xử lý ngôn ngữ tự nhiên (NLP). Những vai trò của AI là chẩn đoán y khoa, phát minh thuốc, cácthử nghiệm lâm sàng, quản lý đau, cải thiện kết quả của bệnh nhân. Những ứng dụng đạt được từ AI cho việc chăm sóc sứckhỏe bao gồm Trợ lý ảo cho bệnh nhân và nhân viên y tế, chatbots hỗ trợ AI, robot giải thích kết quả phòng thí nghiệm,phẫu thuật có hỗ trợ robot, chẩn đoán hình ảnh tự động với AI/ML, đồng hành sức khỏe cá nhân được cung cấp bởi AI,ung thư - phát hiện ung thư da bằng AI, AI trong bệnh lý, phát hiện bệnh hiếm gặp với AI, ứng dụng an ninh mạng củaAI trong chăm sóc sức khỏe, quản lý thuốc với AI và ML, theo dõi sức khỏe bằng AI và thiết bị đeo. Với tiến bộ khoahọc công nghệ của tương lai, AI trong chăm sóc sức khỏe hứa hẹn sẽ đem lại nhiều triển vọng cho sức khỏe con người.

Để hiểu rõ hơn Cục Thông tin KH&CN quốc gia xin giới thiệu một số bài nghiên cứu đã được xuất bản chính thức và các bài viết được chấp nhận đăng trên những cơ sở dữ liệu học thuật chính thống.



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