IBM Watsonx Assistant: Revolutionising Healthcare

Personalised Doctor Recommendation and Review Analysis

Daniel Samson Lawrence
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Overview of IBM Watson Assisntant

- A conversational AI platform by IBM

- Offers advanced Ai capabilities for building Intelligent virtual assistants.

Project Objective

- To create a healthcare chatbot that provides personalised doctor recommendation

Why healthcare needs my AI Chatbot

- Patients often struggle to find suitable doctors.

- Chatbots improve user experience.

- 24/7 availability and quick response.

- Reduce administrative workload

Why IBM Watson Assistant?

- Natural Language Understanding (NLU):

Recognizes diverse ways users describe symptoms or preferences.

- Advanced AI Capabilities:

Leverages machine learning to improve recommendations over time.

- Ease of Integration:

Seamlessly connects to backend systems.

- Multi-channel Support:

Works across websites, mobile apps, and messaging platforms.

Chatbot Workflow

- User Interaction:
  Patient enters symptoms, preferred specialization, or location.

- Data Analysis:
  IBM Watson interprets input using its NLU capabilities.

- Recommendation Engine:
  Searches the doctor database based on filters (specialization, reviews, etc.).

- Response Delivery:
  Chatbot displays the top 3 doctor options tailored to the user's needs.

Business Opportunity

Solution & Revenue Stream:

Integrating Paid Appointment Booking:

- Charge a **small fee (e.g., ₹20 - ₹50)** for booking appointments through the chatbot

THANK YOU