Chatbot for a tickets seller system

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Abstract—That paper, give an explication about the method used for apply a chatbot in a tickets seller, making use of chatbots previously trained, through LLM's and a series of plain text about frecuent questions about the bought of tickects for some events.

Index Terms—LLM, entropy, chatbot, synergy, holism, chaos theory

I. INTRODUCTION

II. THEORETICAL FRAMEWORK

Before explaning a complete plane of the problematic, its necessary see some concepts that it's used in the final product.

A. LLM

According to IMB "Large language models (LLMs) are a category of basic models trained on immense amounts of data, making them capable of understanding and generating natural language and other types of content to perform a wide variety of tasks"[2].

B. (Lenguaje de programacion usado)

LENGUAJE DE PROGRAMACACION USADO

C. Chaos theory

Chaos theory studies how minimal changes in the initial conditions of a system can make it unpredictable. A system that is very sensitive to such variations in initial conditions will be called a chaotic system. In the long term and despite having randomness and disorder, patterns will begin to emerge. [4]

D. Entropy

The entropy it's a grade present of desorder and chaos in a system model that give to them a routing to wear.

"Originally the word entropy comes from the Greek em which means about, in and near; and sqopg which means turn, alternative, change and evolution. This term was first used in 1850 by the German physicist Rudolf Julius Emmanuel Clausius".[1]

this stablish how the possiblites are random and inherits in the universe, making a system desorder add complexity for the system.

E. Holism

A holistic system will be managed under an approach that considers the interactions of the parts as a whole, understanding that an impact in one part can affect the others due to their rela

F. Synergy

The systems, in a general form, are synergics, while him parts, isolated, can't explaining him behaviors, in such a way that, the synergy it's the result of interactions between the parts or components of a system,[3]

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III. METHODOLOGY

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