Submission Summary

Conference Name
3rd International Conference on the Paradigm Shifts in Communication, Embedded Systems, Machine Learning and Signal Processing

Paper ID
320

Paper Title
An Approach for Extraction of Relevant Contextual Information from Exercise Logs using Large Language Models

Abstract
In this paper, we give out an approach towards utilisation of
Large Language Models (LLMs) for extracting key and relevant information from natural language texts generated by people, post exercise. We demonstrate the efficacy of five popular LLMs in handling exercise logs while classifying multiple dimensions of exercise type, intensity , duration and feeling post the exercise. We go on to suggest that we can use thepower of LLMs to understand context, for zero-shot classification tasks
for analysing exercise log data. This can be thereafter utilised for fitness related personalized recommendations, marketing analysis while measuring effectiveness of a coach / application. Our conceptual framework
proposes LLM based classification and analysis resulting in an intelligent recommendation system.

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Primary Subject Area
AI & Machine Learning -> Human Computer Interaction

Secondary Subject Areas
AI & Machine Learning -> AI in Healthcare

Submission Files
paper.pdf (534 Kb, 15/07/2024, 23:46:36)

Submission Questions Response
1. Originality

We confirm that the submission is original and that the paper has not been submitted elsewhere for peer review or has accepted for publication in any other conference.

Agreement accepted

2. Similarity Score

We confirm that the similarity score of the submitted paper is below 20% (excluding the bibliography/references) and below 15% for single source similarities. We have checked the similarity score using standard plagiarism-checking software (e.g. Turnitin, etc.), before submitting the paper.

Agreement accepted