

ICDAM-2024

5th International Conference on Data Analysis and Management

*Organized by London Metropolitan University, London, UK (Venue Partner)
in association with*

*The Karkonosze University of Applied Sciences, Jelenia Gora, Poland, Europe
&*

*Politécnico de Portalegre, Portugal, Europe
&*

*BPIT, GGSIPU, Delhi
Date: 15th - 16th June 2024*

***** CALL FOR PAPERS *****

SPECIAL SESSION ON

Machine Learning, IOT, Blockchain, AI chatbot application to improve Global Healthcare

SESSION ORGANIZERS:

1. Dr. Ahmed Elngar, Faculty of Computers and Artificial Intelligence, Beni-Suef University, Beni-Suef City, 62511, Egypt, elngar_7@yahoo.co.uk
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EDITORIAL BOARD: (Optional)

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SESSION DESCRIPTION:

A major challenge faced by health care organizations, such as hospitals and medical centers, is the provision of quality services at affordable costs. Therefore, there is utmost need of a) spreading awareness regarding current and updated medical facilities with costing available at doorstep of every individual in their regional language b) early prediction and diagnosis of disease c) first aid medication etc. In this context, Data science plays a vital role in collection of data related to various medical services, preprocessing of that data to extract meaningful and formatting data that can be used for several different types of analysis work. As the major challenge is to make health services within reach of every individual that can be done via ai enabled chatbots like ChatGpt, Microsoft Bing AI, Google Bard etc. Artificial intelligence chatbots are one of the most fascinating innovations of ai world that makes human like conversations using the process known as natural language processing. Some highlighting features of AI enabled chatbots are a) communication in regional language is possible b) audio and visual communications apart from textual communication is also possible. Number of other emerging technologies like IOT to make better sensor

devices and blockchain to have reliable health services can be used in this context. So healthcare can be improved a lot by interventions of emerging technologies to make upgraded detection machines, tools, handle emergency situations and epidemics, to aware every individual in their regional language. AR-VR can also be applied to healthcare to have visuals.

RECOMMENDED TOPICS:

Topics to be discussed in this special session include (but are not limited to) the following:

- **Machine learning and Data Science**
- **Blockchain**
- **IOT enabled sensing, operating and detection devices**
- **Pharmacy**
- **Emerging Technologies**
- **Sustainability**
- **Healthcare**
- **AR-VR**
- **Personalized/telemedicine**
- **3D printing**
- **Digital twins**
- **Healthcare assistants**

SUBMISSION PROCEDURE:

Researchers and practitioners are invited to submit papers for this special theme session on **Machine Learning, IOT, Blockchain, AI chatbot application to improve Global Healthcare** *on or before 15 February 2024*. All submissions must be original and may not be under review by another publication. INTERESTED AUTHORS SHOULD CONSULT THE CONFERENCE'S GUIDELINES FOR MANUSCRIPT SUBMISSIONS at <https://icdam-conf.com/downloads>. All submitted papers will be reviewed on a double-blind, peer-review basis.

NOTE: While submitting a paper in this special session, please specify **Machine Learning, IOT, Blockchain, AI chatbot application to improve Global Healthcare** at the top (above paper title) of the first page of your paper.

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