



Ayesha Camran

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PROFILE

- Research Scholar pursuing a PhD in Computer Applications at Integral University, Lucknow, with a research focus on Artificial Intelligence in Healthcare domain.
- Master of Computer Applications (MCA, CGPA 8.60) with a specialization in Machine Learning, Deep Learning, and Natural Language Processing.
- Full-stack developer experienced in building ERPs and CRRMs and web applications using React, Python and modern frameworks.

RESEARCH INTEREST:

- Machine Learning for Healthcare Informatics and Clinical Decision Support.
- Electronic Health Records (EHR), Predictive Modeling Disease Detection, Risk Assessment, and Patient Outcome Improvement.
- Large Language Models (LLMs) applications in Healthcare.

SUMMARY OF RESEARCH ACCOMPLISHMENT:

- Authored and published the Master's thesis "Integrated Health Risk Assessment (IHRA): Early Detection and Prevention of Diseases Through Predictive Modeling" (<https://zenodo.org/records/18662775>)
- Presented and published research on the "Role of LLMs for optimizing clinical insights in text summarization" (Springer LNNS, ICIVC 2025).
- Presented research on "An Automated Framework for Extracting Medical Entities from Unstructured EHRs Using Biomedical NER Models." (16th International IEEE Conference on Computing, Communication and Networking Technologies (ICCCNT 2025), IIT Indore, Madhya Pradesh, 06-11 Jul 2025).

COURSE TAUGHT:

- Web Development - (CA221).

ADMINISTRATIVE/DEPARTMENTAL RESPONSIBILITY

- SDC and ILI customization development.

PUBLISHED/ACCEPTED SCI/SCOPUS RESEARCH PAPERS

- Camran, A., Khan, A. (2026). The Role of LLMs for Optimizing Clinical Insights in Text Summarization. In: Saha, A.K., Sharma, H., Prasad, M., Gupta, P.K. (eds) Intelligent Vision and Computing. ICIVC 2025. Lecture Notes in Networks and Systems, vol 1712. Springer, Cham. https://doi.org/10.1007/978-3-032-10670-4_14

PAPER PUBLISHED IN INTERNATIONAL CONFERENCES

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