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2nd International Conference on Healthcare & Hospital Management

and

6th International Conference on Medical & Nursing Education

November 6-7, 2017 | Vienna, Austria

DEEP LEARNING IN ONCOLOGY - A CASE STUDY ON BRAIN TUMOR

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The brain tumor detection continues to be a challenge owing to the complexity of its symptoms. The research era indicates the tumor diagnosis and identification of tumor exact indicators are still uncertain. These tumors can appear anywhere in the brain and have any kind of shape, size, and contrast. The brain tumor exploration with deep learning is a solution for flexible, high capacity and extreme efficiency. The deep learning is an application of the artificial intelligence with multiple layers helping to predict the outcome of the disease early detection. This paper presents an approach to recognize the indicators and show that deep learning drops error rate for brain tumor diagnoses by 80%.

Biography

Prisilla Jayanthia is a research scholar and doing her research on Brain tumor using deep learning in Health Care. She is the member of ACM, CSI and IACSIT and also she has published 21 papers in International and National Journal. Till now, she has attended 8 International conferences and 7 National conferences.

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