Review of: "Prediction and Analysis of Structural Brain Health Indicators Using Deep Learning Models with Functional Brain Images as Input"

Hussein Salah[1]

1 Middle Technical University

The authors presented **Prediction and Analysis of Structural Brain Health Indicators Using Deep Learning Models with Functional Brain Images as Input.** It's a good work in medical problem. Generally, the manuscript is well written however, it should be revised as the following:

- I suggest the title of this paper is (Enhancement Medical System for Prediction and Analysis of Structural Brain Health Indicators Using Deep Learning Models with Functional Brain Images as Input).

-The introduction part must be rewritten with explaining the novelty of this work clearly with comparing recent literatures.

- The authors should consider more recent research done in the field of their study (especially in the years 2021 and 2022 onwards).

- Add the percentage of the accuracy from the results of the experiment indicated method in the abstract section.

- Rewrite Abstract section to include problem, Aim, Methods, results, and Conclusion.

- What is the Research gaps of the proposed work? should be clearly justified.

- Introduction section can be extended to add the issues in the context of the existing work and how proposed algorithms/approach can be used to overcome this.

- Experimentation section have to be extended and improved thus providing a more convincing contribution to the paper.

- I think better to put a comparative table at the end of paper to show the result of your work with others**The comparison of performances' results must be added.**

- The references should be in last five years;**the references part must be updated.**

- Need established dataset in evaluating the performance of the proposed system.