Review of: "A Smart Vehicle Charging Station Identification Based On IOT with Hybrid Grey Wolf-Bat Optimization Enriched On Artificial Neural Networks Recognition Methods"

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Potential competing interests: No potential competing interests to declare.

Article:-“A Smart Vehicle Charging Station Identification Based On IOT with Hybrid Grey Wolf-Bat Optimization Enriched On Artificial Neural Networks Recognition Methods”

- Comment on "The aim of this work is to identify the nearby available charging point by developing an advanced charging station with Internet of things (IOT) enabled".
- Check the grammar, punctuation used in the paper.
- Need to improve the Comparative analysis Table.
- The terms "process delay" and "reaction times" need to be explained further in the paper to help readers understand their significance.
- Comment on the top two solutions (X, X) are supplied to the bat algorithm (BA) as an initial guess after MaxIter/2 iterations. Also, justify the number of iterations used in the model.
- The GWOBA optimization algorithm needs to be improved and explained more clearly in the methodology section.
- Comment "Following optimization, the most appropriate features are taken into account as the input for classification, one of the crucial steps in recognition systems. compared against KNN, DT, NB, C4.5, SVM, RVM, DNN, DBN, and LSTM, among other classification methods." Also, write the feature taken out.
- In section IV, the algorithm needs to be improved. A description of Step 2 is missing, and the equations provided do not make sense with the description. The methodology as a whole needs to be strengthened, with clear explanations of the GWOBA optimization algorithm and the advantages of using the PCNN method. Additionally, the contribution of the research should be clearly identified and explained in the paper.
- Overall, the methodology is very weak, as there is no description of the GWOBA optimization Algorithm, and the advantage of using PCNN method, also nothing is mentioned about contribution 1.