Review of: "Feature Selection and Classification of Type II Diabetes on High Dimensional Dataset"

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It requires a major revision: (1) Abstract: Re-edit this, it needs to have more of a technical tone in terms of your work!

(2) Naive Bayes Classifier: More technical discussion in terms of the learning algorithm! Not enough research value!

(3) Pima Indian Type II Diabetes dataset: Share the link or URL from where you got this dataset.

(4) Figure (1): There is no caption given!

(5) **V. Relative Work**

In the healthcare domain, machine learning algorithms are widely used to predict the occurrence of a disease at an early

stage. The researchers had tried to use a variety of classifiers to predict the diseases and have obtained good accuracy

results. They classified and analyzed the performance using the universally accepted dataset from the UCI repository. The

results were evaluated using the parameters like accuracy, sensitivity, and specificity. They performed the classification in

2 different cases, one with pre-processed data and the other without pre-processing.

This section needs to be elaborated with current research and state-of-the-art information along with proper citations.

(6) Methodology Followed!: No, this is not required, write about your dataset and what its characteristics are?

(7) **To perform feature selection, we use the inbuilt Python module "SelectKBest," which is often used for feature selection**

(or dimensionality reduction) on very high-dimensional datasets. This class selects features

Check spellings and provide the algorithm or flow chart, not code snippets, and certainly not the screenshots!!

(8) All these need to be revised with proper algorithms or diagrams for the flow of data and models. {Standardization, Binary classification, Accuracy calculation}. Please do not provide the code snippets here.

(9) Results have to be discussed with greater depth.

(10) Conclusion: Should discuss your contribution and future work!

(11) Fig-4: Should be discussed as results and discussion and not in the conclusion.

(12) Provide an appendix rather than highlights.