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(57) Abstract :

Smart prediction system to mine the database of COVID vaccinated personel is the proposed invention that aims at implementing techniques for statistically analysis of the possible side effects that may erupt after getting vaccinated for COVID 19. Machine learning techniques, as well as regression techniques, are used to serve the purpose on two types of databases namely the first for the health parameters of the patients before getting vaccinated and secondly the health parameters of the patients after getting vaccinated. The data from the clinical trials are analysed to get a statistical output regarding the clues about the possible side effects.

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Abstract:

Smart prediction system to mine the database of COVID vaccinated personnel is the proposed invention that aims at implementing techniques for statistical analysis of the possible side effects that may erupt after getting vaccinated for COVID 19. Machine learning techniques, as well as regression techniques, are used to serve the purpose of types of databases namely the first for the health parameters of the patients before getting vaccinated and secondly the health parameters of the patients after getting vaccinated. The data from the clinical trials are analysed to get a statistical output regarding the clues about the possible side effects.

Complete Specification

Claims:1. Smart prediction system to mine the database of COVID vaccinated personnel includes a centralized database, regression modelling system, primary nodes, secondary nodes, and clustering techniques.

2. Smart prediction system to mine the database of COVID vaccinated personnel according to claim 1, consist of primary nodes wherein the primary nodes store the database of persons who are not vaccinated.

3. Smart prediction system to mine the database of COVID vaccinated personnel according to claim 1, consist of secondary nodes wherein the secondary nodes store the data health parameters of a particular person after getting vaccinated.

4. Smart prediction system to mine the database of COVID vaccinated personnel according to claim 1, consist of centralized database cloud server is used to store data from both the primary node and the secondary node.

5. Smart prediction system to mine the database of COVID vaccinated personnel according to claim 1, consist of clustering unit wherein the clustering unit retrieve the data from the cloud server and clusters it using an algorithm such as K-means algorithm.

6. Smart prediction system to mine the database of COVID vaccinated personnel according to claim 1, consist of regression modelling system wherein the regression unit data the cluster's data from the clustering unit and generates statistical inference.

, Description:[0001] Background description includes information that may be useful in understanding the present invention. It is not an admission that any of the information provided herein is prior art or relevant to the presently claimed invention, or that any publication specifically or implicitly referenced is prior art.

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