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Invention Title	MACHINE LEARNING BASED APPROACH TO PREDICT THE ROLE OF LINEAR ALGEBRA AND ITS APPLICATIONS IN HEALTH CARE MONITOR
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Abstract:

Machine Learning based approach to Predict the Role of Linear Algebra and its Applications in Health Care Monitoring is the proposed invention. The proposed inven on analyzing the applications of linear algebra in various fields. The invention also focuses on studying the role algebra especially in the field of health care monitorin machine learning.

Complete Specification

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

[0002]   Health care or health care is the improvement of health via the prevention, diagnosis, treatment, amelioration or cure of disease, illness, injury, and other and mental impairments in people. Health care is delivered by health professionals and health allied health fields. Medicine, dentistry, pharmacy, midwifery, occupa therapy, physical therapy, athletic training, and other health professional constitute health care.

[0003]   A number of different types of health care monitoring systems that are known in the prior art. For example, the following patents are provided for their su teachings and are all incorporated by reference.

[0004]   WO2016094330A2:- Embodiments of the present invention relate generally to non-invasive methods and diagnostic tests that measure biomarkers (e.g., tu antigens), and computer-implemented machine learning methods, apparatuses, systems, and computer-readable media for assessing a likelihood that a patient ha disease, relative to a patient population or a cohort population. In one embodiment, techniques are provided for the use of artificial intelligence / machine learning systems that can incorporate and analyze medical data to perform a risk analysis to determine a likelihood for having cancer. By utilizing algorithms generated fro biomarker levels (e.g., tumor antigens) from large volumes of longitudinal or prospectively collected blood samples (e.g., real world data from one or more regions blood-based tumor biomarker cancer screening is commonplace) together with one or more clinical parameters (e.g., age, smoking history, disease signs or sympto risk level of that patient having a cancer type is provided.

[0005]   The health care field including doctors and nurses often use linear equations to calculate medical doses. Linear equations are also used to determine how

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