J-BHI Special Issue on "Insights of Machine Learning into Medical Decision Making Systems: From Research to Practice"

Machine learning, healthcare benefits providers, can improve the strength of mind or will on patients' diagnoses and medical care options, leading to the overall development of healthcare duty. In healthcare decision making, machine learning approaches exist, used fashionable. These situations place a deciding data evaluation that needs to be acted ahead of medical knowledge to reveal covered connections or abnormalities that are not apparent to live. It exists further essential to mention that when considering computational determination-making in the healthcare part, it exists not regularly about detecting or predicting conditions, biomedicine, biomedical concept analysis, etc.,

This special issue shows the connection of machine learning, maybe in disease analysis and forecasting, medical depiction, drug repurposing, biomedical event ancestry, and much more fashionable healthcare. But what is undoubtedly is that the journey that started accompanying the unification of machine learning to computational medicine has extended long past several events and happens now at a peak accompanying the introduction of accuracy antibiotics. When considering all the same functions of machine learning in fashionable healthcare, what is noticeable is that in what way or manner machine intelligence has existed, a key advantage for conclusion in the healthcare area is trendy various visible features. This special issue welcomes submissions on **insights of machine learning into medical decision-making systems for next-generation healthcare applications**.

Topics of interest include, but are not limited to, the following:

- Machine Learning models for clinical record management systems
- Advanced applications of drug discovery screening process
- The vision of cardiovascular disease discovery accompanying smartwatches and smartphones
- Opportunity and Challenges of wearables and smartphones for smart healthcare
- Multi-omics integration: The perspective of the machine learning model
- The coming rise of computer-aided diagnosis applications
- Advanced in Randomized control testing versus physical data decision
- Machine Learning based forecasting for genomic knowledge
- Trends and Focus of digital healthcare and medical decision-making system
- Envisioning data mining for hospital information systems
- Medical decision-making systems: The cognitive vision
- Machine learning models for cost-effective healthcare delivery systems

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