

Content

Big data analysis in healthcare	Exploratory predictive and visual analysics of diabetes	Framwork for the opioid crisis
Cognitive analytics for given data	Heart disease prediction	Prediction of covid impact using data analysis
Predict age, gender	Detection of global suicide rates	Real time pollution density measurement

Merits

Support decision making and planning	More effective treatment	Economic advantage
Research and prediction of disease	Early detection of disease	Accurate calculation of health insurance
Prediction and prevention	Effective surveillance of public health	Improved diagnostics

Features

Ability to predict future medical issues	Medical technology is the increased cost of treatment	Wide array of data integrity concerns
pose risk and undermine doctors	Low internal validity	Lack of quality control
Multiple sources of bias for comparing outcome	Lack of commitment and patience	Challenges may include security

Technology

Hadoop	Exploaratory predictive	Evaluation matrix
python	Deep learning	EM ,EHR,HIE
Cox regression	Machine learning	Intelligent medical platform(IMP)