IDEAS :

➤ Descriptive analytics can be used to determine how contagious a virus is by examining the rate of positive tests in a specific population over time.

➤ Diagnostic analytics can be used to diagnose a patient with a particular illness or injury based on the symptoms they're experiencing.

➤ This project helps us to allocate beds according to the emergency of patients. So patients who are in emergency need not wait.

➤ Predictive analytics can be used to forecast the spread of a seasonal disease by examining case data from previous years.

➤ Prescriptive analytics can be used to assess a patient's pre-existing conditions, determine their risk for developing future conditions, and implement specific preventative treatment plans with that risk in mind.

➤ Records are shared via secure information systems and are available for providers from both the public and private sectors. Every record is comprised of one modifiable file, which means that doctors can implement changes over time with no paperwork and no danger of data replication.

➤ Data cleaning and feature engineering to identify symptoms in patients who did not survive after one year of diagnosis. Perform survival analysis for a patient diagnosed with prostate cancer.

➤ This project helps to improve the accuracy and speed of identifying patients at highest risk of disease.

➤ Handle correlation in data variables, handle NULL values, feature engineering on important variables, run statistical tests to understand the effect of dependent variables on the target variable, and create optimum multiple regression models to estimate treatment prices.

- This project deliver real time alerts to healthcare providers by analyzing health data at the collection point.
- This project makes best use of resources with the help of the data collected , which will be very helpful during times like pandemic or epidemic.
- This project promote preventive measures by giving patients greater insight into their health and treatment goals.
- Patients who are in emergency will get the correct treatment at correct time which reduces the risk of their life and risk of any infection.
- This project help researchers to identify approaches to improve the efficiency of clinical processes and other healthcare operations.
- Since the data is adequate it will help the hospital management to make sure the availability of resources for patients.