PRIME
BRINGING VISIONS TO LIFE

Predictive Analytics: Prime's Revolutionary Healthcare Technology

When it's a matter of life and death, seconds can make all the difference.

However, there is an overwhelming amount of data that must be considered to ensure an accurate, life-saving healthcare intervention. How can someone possibly consider all facets of a patient's past and present health conditions, making a split second decision that safeguards the patient's survival?

Alone, even the best doctor may not be able to do so; but with Prime's predictive analytics, thorough and evidence based diagnoses and treatment methods are only a few clicks away.

Rather than conventional historical and statistical analytics, Prime's predictive analytics ushers in the next generation of data analysis; surpassing simple observation and interpretation by compiling past and present patient information to identify areas that jeopardize patient health most significantly.

With astounding accuracy, Prime's predictive analytics provides healthcare professionals with clinical decisions that encompass all details of a patient's health, no matter how minute those details may be.The result? A synthesized solution developed far faster than any human brain could possibly comprehend.

This Predictive Analytics capability is made possible by:

- Generalization
- Classification
- Characterization
- Clustering
- Pattern Matching
- Data Visualization

Prime's Predictive Analytics serves as a supportive guide for healthcare intervention and has expertise in multiple realms of healthcare including:

- Predicting Mortality Rate in the Intensive Care Unit
- Predicting the Development of Periventricular leukomalacia (PVL) in Infants Following Heart Surgery
- Predicting the Likelihood of Diabetic Patient Readmission in the 30 Days After Release

While saving lives is of primary concern, Prime's Predictive Analytics also offers a financial advantage to healthcare providers in that with a correct diagnosis, patients will not have to be readmitted for follow up treatment. This is especially monumental considering today's healthcare industry is under competitive and legislative pressure to reduce the cost of care, efficiently manage resources, and improve patient care.

Compatible with Hadoop, NoSQL, and Oracle Database, Prime's Predictive Analytics simplifies workflows by integrating data into a single dashboard, where data can be sorted, modified, filtered, and populated from a variety of sources. As a result, Prime's predictive analytics gains a more comprehensive patient view for insight into care coordination and outcomes-based reimbursement models, patient engagement, and outreach.

Time is of the essence, and Prime is prepared to equip your healthcare system with the technology that is rapidly revolutionizing and redefining patient care.

Delivering **successful**, **Reliable**, **Cost-effective** solutions

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