



**HOW TO INCREASE  
HOSPITAL QUALITY  
AND PATIENT SAFETY?**

**HOW TO REDUCE THE  
DEATH RATE OF  
CERTAIN DISEASES  
AND TO PREDICT  
MEDICAL OUTCOMES?**



# *Data Mining Application in Medicine and Healthcare*

**DATA SCIENCE IS MOVING THE MEDICAL FIELD TO A WHOLE NEW LEVEL, FROM ANALYZING MEDICAL RECORDS TO DRUG FINDINGS AND ONCOLOGY DISEASE EXAMINATION.**



**HOW PATIENTS WITH  
DIFFERENT GENETIC  
ISSUES REACT TO  
PARTICULAR DRUGS  
AND DISEASES?**

**HOW TO REDUCE  
HEALTH CARE COSTS  
AND AT THE SAME TIME  
TO SATISFY PATIENTS?**

