



DATA MINING

LEARNING OBJECTIVE OF THIS CASE STUDY

- CART & Model Performance Measures
- Random Forest
- Neural Network

CASE STUDY - Diabetes

Management of hyperglycemia in hospitalized patients has a significant bearing on outcome, in terms of both morbidity and mortality. However, there are few national assessments of diabetes care during hospitalization which could serve as a baseline for change. This analysis of a large clinical database was undertaken to provide such an assessment and to find future directions which might lead to improvements in patient safety.

Based on the given data, build different models to predict whether the patient is suffering from Diabetes or not? Secondly Compare the model outputs of different models.



Data Science @ Work

Apply **Data Science at your workplace** to gain some instant benefits:

- Get noticed by your management with your outstanding analysis backed by data science.
- Create an impact in your organization by taking up small projects/initiatives to solve critical issues using data science.
- Network with members from the data science vertical of your organization and seek opportunities to contribute in small projects.
- Share your success stories with us and the world to position yourself as a subject matter expert in data science.



ANY QUESTIONS



HAPPY LEARNING