



IIT ROORKEE



NPTEL ONLINE
CERTIFICATION COURSE

LOGISTIC REGRESSION PART-3

LECTURE 48

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DEPARTMENT OF MANAGEMENT STUDIES



LOGISTIC REGRESSION

- Odds and odds ratios
 - Odds is a ratio of two probability values (prob. of class 1/prob. Of Class 0)
 - Odds ratio is ratio of two odds (odds of class m1/odds of class m2)
 - Odds ratio $> 1 \Rightarrow$ odds of class m1 are higher than class m2
- Open RStudio

Key References

- Data Science and Big Data Analytics: Discovering, Analyzing, Visualizing and Presenting Data by EMC Education Services (2015)
- Data Mining for Business Intelligence: Concepts, Techniques, and Applications in Microsoft Office Excel with XLMiner by Shmueli, G., Patel, N. R., & Bruce, P. C. (2010)

Thanks...

