SAMPLE SLIDES

Samim Pezeshki January 2015



SAMPLE SLIDE

- Data Source: Database of a local financial institution whose name will not be revealed because of security issues
- · Goal: Risk Management in lending to customers
- Institution Needs: Detecting if a customer is loyal or disloyal to decide about lending to him or not and also decide about maximum amount of lending with minimum risk of refund
- *Target Question*: Given some demographic parameters such as age, sex, job, education, income rate, marital status, ..., is a customer loyal for lending? If yes, what is the maximum amount of lending for him?

TWO COLUMN SLIDE

- The most dependency for maxloan amount is on education.
- The least dependency is on acc type
- Marital Status has no affect on prediction of max_{loan}

summary(GBM_model)

	var	rel.inf
education	education	34.962469
age	age	28.642135
job	job	15.714282
sex	sex	14.206087
acc_type	acc_type	6.475026
maritalstatus	maritalstatus	0.000000

SLIDE WITH CODE

To determine the number of clusters. We can use a plot of the within groups sum of squares by number of clusters extracted.