**ACTIVITY 10(Lab-05)**

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Registration Number:- 19BCE10071

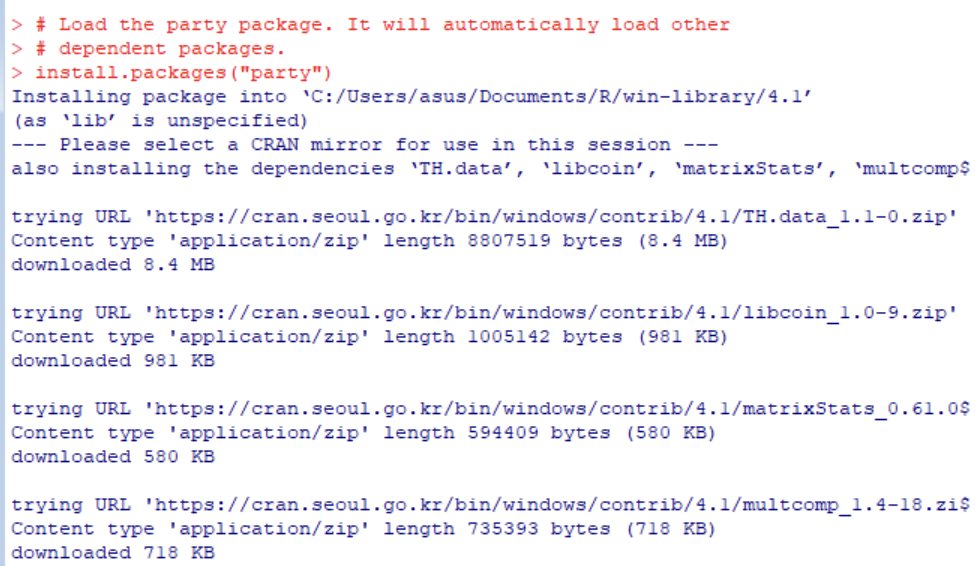
Course:- NAS2001- Advanced Data Analytics

Slot:- B21+B22+B23

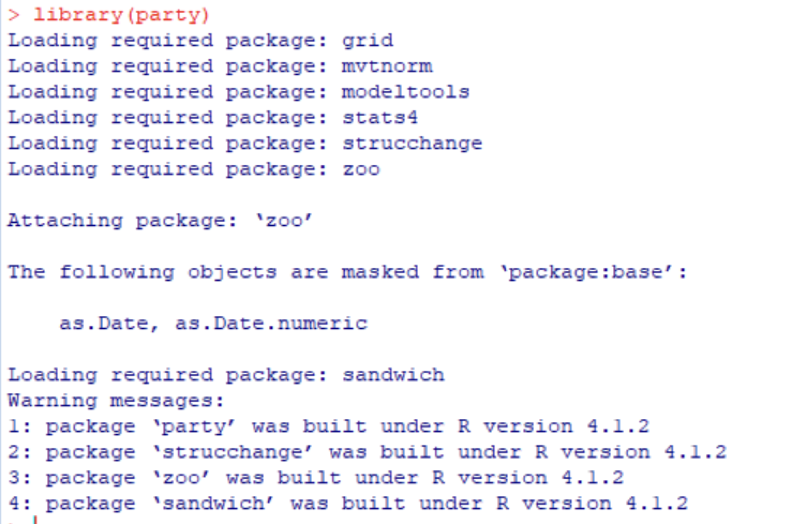
Faculty:- Dr. Nilamadhab Mishra

Q. Investigate any classification problem for a dataset and try to implement those three algorithms i.e. Decision Tree, Naïve Bayes, K-Nearest Neighbours, and analyse the classification accuracy and other performance factors of each type of algorithm.

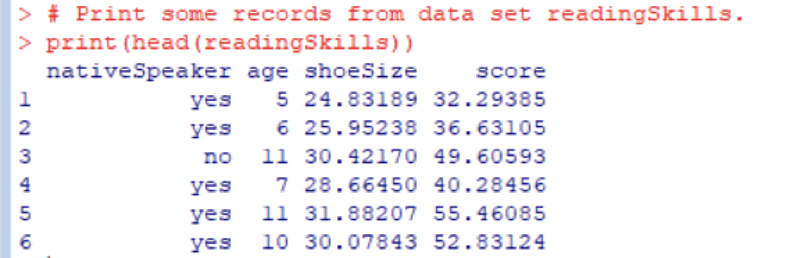
1. Decision Tree



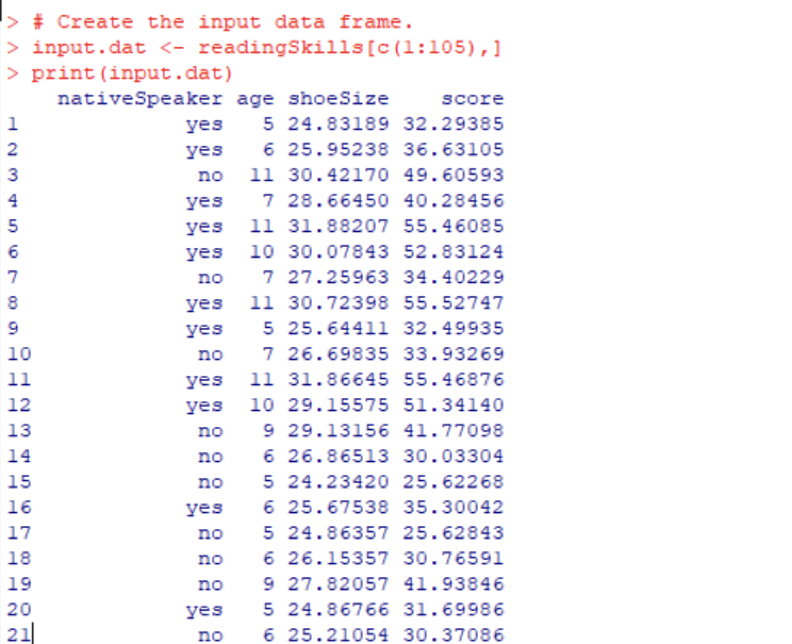




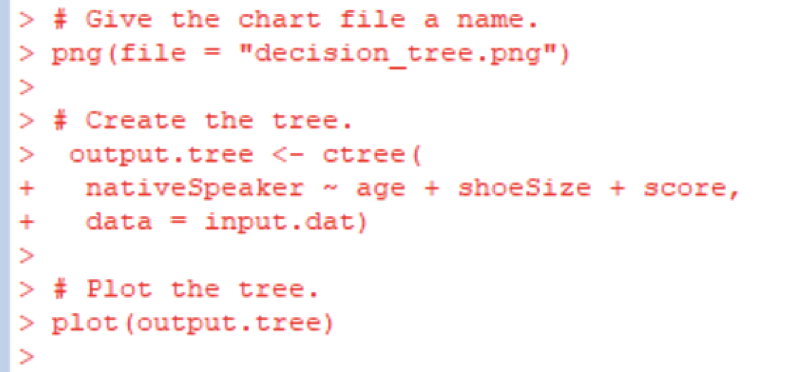




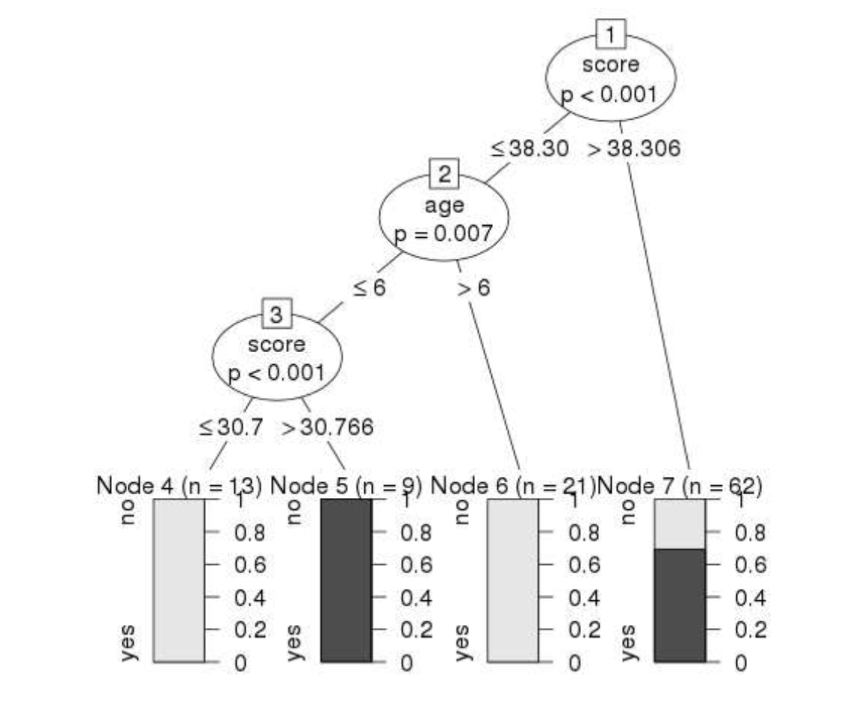




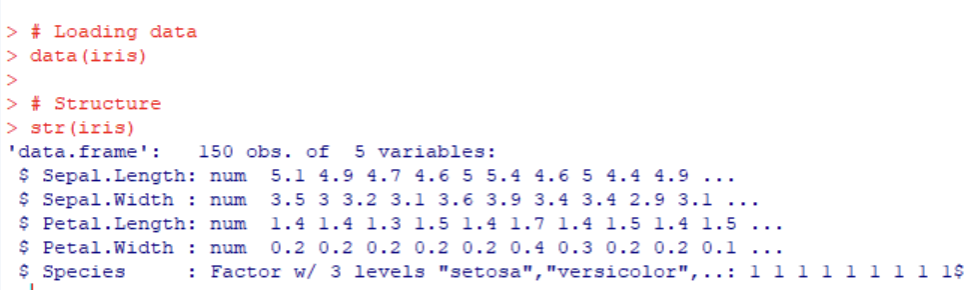




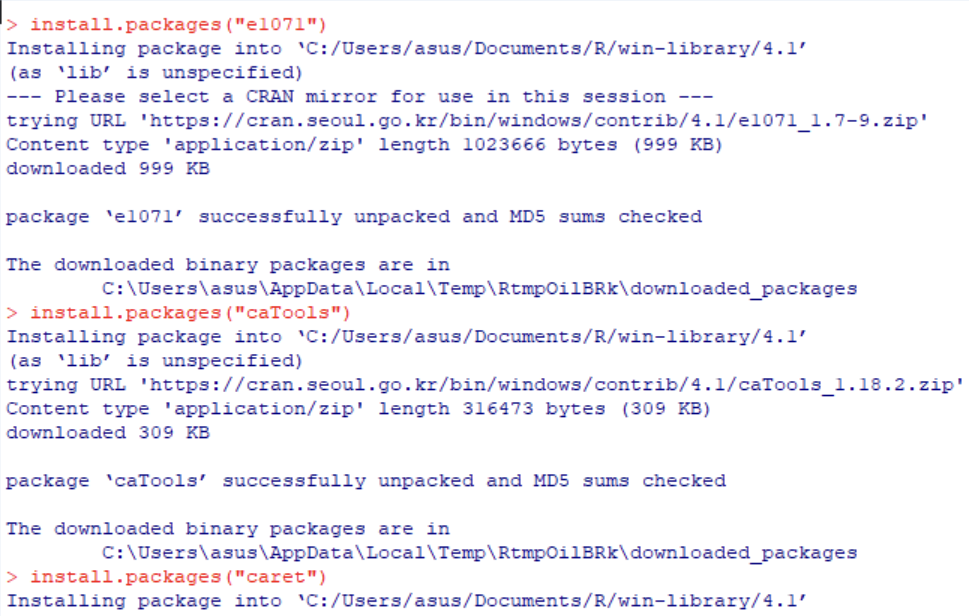




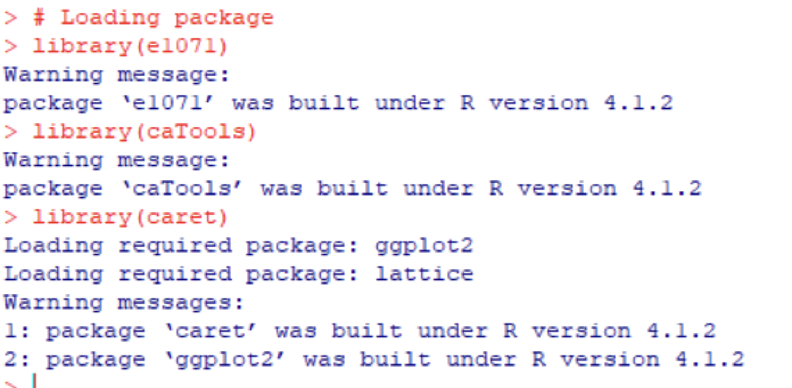
1. Naïve Bayes



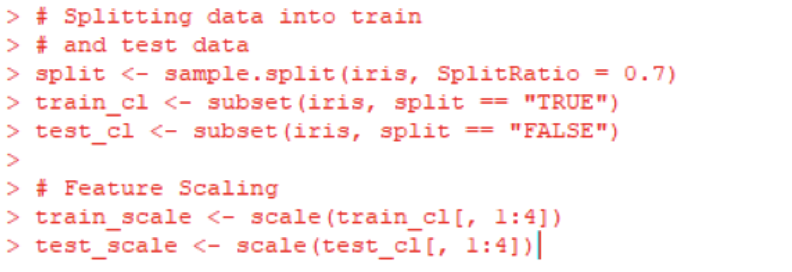




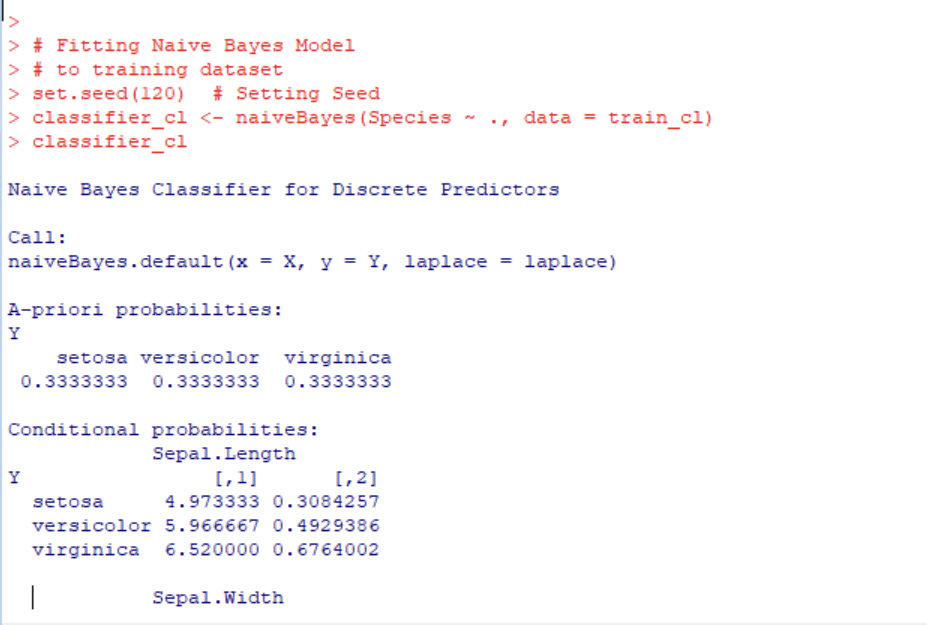




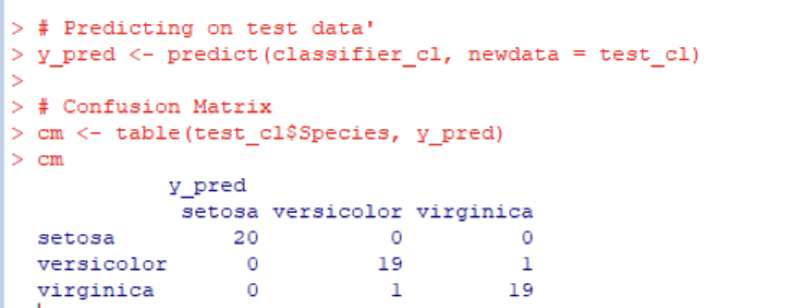




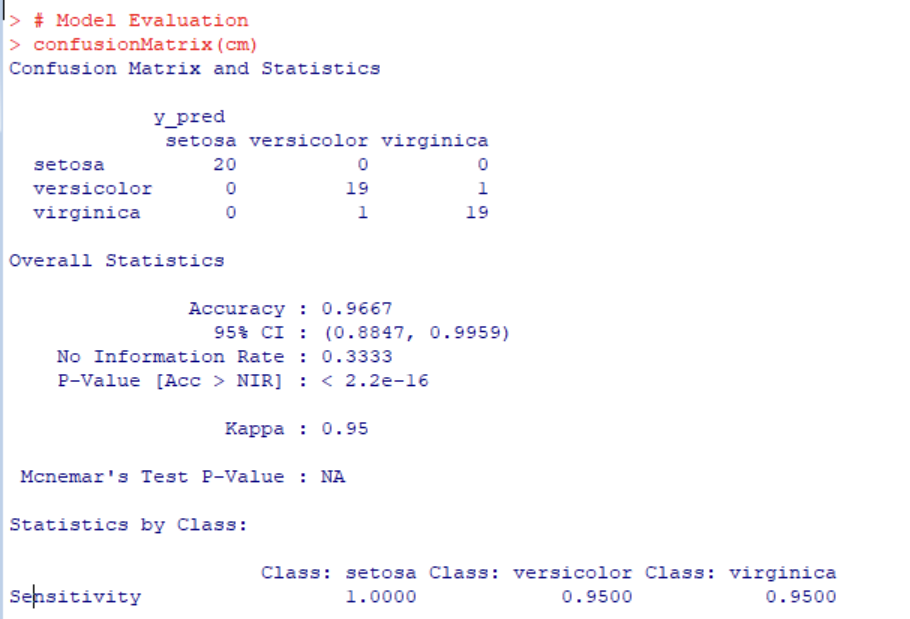












1. K-Nearest Neighbours

