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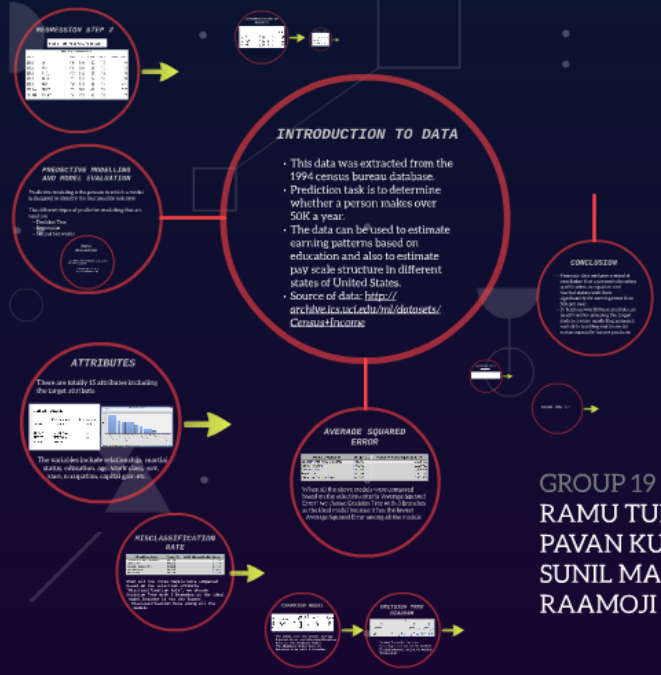
MIS 6324 BI PROJECT PRESENTATION
1994 US CENSUS DATASET



GROUP 19
RAMU TUNGALA
PAVAN KUMAR
SUNIL MARUTHI
RAAMOJI RAO

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MIS 6324 BI PROJECT PRESENTATION
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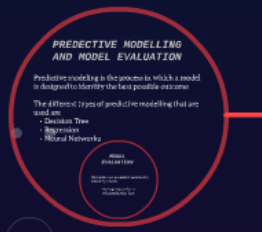
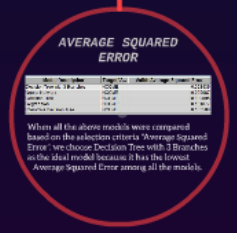
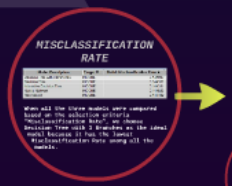
INTRODUCTION TO DATA

- This data was extracted from the 1994 census bureau database.
- Prediction task is to determine whether a person makes over 50K a year.
- The data can be used to estimate earning patterns based on education and also to estimate pay scale structure in different states of United States.
- Source of data: http://archive.ics.uci.edu/ml/datasets/Census+Income







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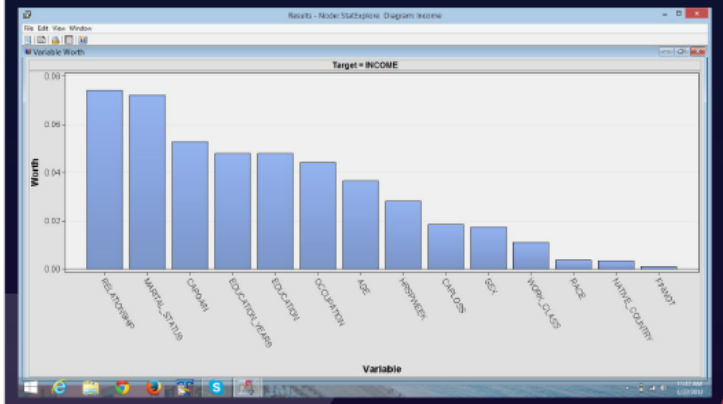
ATTRIBUTES

There are totally 15 attributes including the target attribute

Variable Summary

Role	Measurement Level	Frequency Count
INPUT	INTERVAL	6
INPUT	NOMINAL	8
TARGET	BINARY	1



The variables include relationship, martial status, education, age, work class, sex, race, occupation, capital gain etc .

PREDECTIVE MODELLING AND MODEL EVALUATION

Predictive modeling is the process in which a model is designed to identify the best possible outcome

The different types of predictive modelling that are used are

- Decision Tree
- Regression
- Neural Networks

MODEL EVALUATION

The Models are Evaluated based on the following criteria.

-Average Squared Error
-Misclassification Rate