

Credal Classification

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Problem

- ▶ Classification is the problem of identifying which class an object belongs to.
- ▶ Classifiers have many applications in the finance industry
- ▶ Problem of classifying the risk to an insurer of a car
- ▶ The data set we will be analysing contains vehicular information from 205 auto mobiles.

Naive Bayes Classifier

Estimating Chances

Results and Improvements

Introducing the Prior

Diagnostics

Credal Classifier

Future Work