Abstract

Data Mining is such a promising technology whose worth becomes evident when it can be applied to a domain where a common man is benefited. This paper is an attempt to help the prospective students to make wise career decisions using technologies like data mining using decision trees, Naïve Bayes and artificial neural networks. A student enters his Entrance Rank,
A Generalized Data mining Framework for Placement Chance Prediction Problems

Gender (M/F), Sector (rural/urban) and Reservation category. Based on the entered information the Network or the decision tree will return which branch of study is Excellent, Good, Average or poor for him/her. Also in this paper we compare the performance of the models on the same data and propose a generalized data mining framework for problems of similar nature.

Reference

- Elizabeth Murray, Using Decision Trees to Understand Student Data, Proceedings of the 22nd International Conference on Machine Learning, Bonn, Germany, 2005.
- U Fayyad, R Uthurusamy, From Data Mining to Knowledge Discovery in Databases, 1996.

Index Terms

Computer Science
Machine Learning
**Key words**

<table>
<thead>
<tr>
<th>Confusion matrix</th>
<th>Data mining</th>
<th>Decision trees neural</th>
</tr>
</thead>
<tbody>
<tr>
<td>networks</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Placement chance prediction