

## **Research on the College Graduate Employment Education Based on Data Mining Technology**

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**ABSTRACT** With the weak global economic process, the unemployment rate of the college graduate has become a hot issue of all the countries. How to enhance the employment competitiveness of the college graduate is a main problem of universities. It is an effective way to find the important factors and the relationship of graduate college career match. This paper applies a data mining technology with decision tree technology to make the students know the key factors for their employment, and rough set is employed in data preprocessing to reduce unnecessary information from the given database. From a case study, the results show that personality and professional skill have a significant impact on college graduate career decision making. It also points out that male college graduates find it easier to get a job than females with a good professional skill.