《数据挖掘方法与技术》课程中英文简介

Methods and Techniques of Data Mining

课程代码：2121534A **Course Code：**2121534A

课程名称：数据挖掘方法与技术 **Course Name：**Methods and Techniques of Data

Mining

学时：64 **Periods：**64

学分：4 **Credits：**4

考核方式：考试 **Assessment：**Examination

先修课程：概率论与数理统计、高等数学 **Preparatory Courses：**Probability Theory and

数据分析理论与实践 (双语) Mathematics Statistics, Higher Mathematics,

Theory and Practice of Data Analysis（Bilingual）

《数据挖掘方法与技术》是一门专业核心课，主要介绍数据挖掘的方法和技术。本课程强调理论和实践应用相结合，通过案例分析和实验使学生掌握数据挖掘领域的核心技术，培养学生的数据挖掘的理论分析与应用实践的综合能力，

学生通过本课程的学习，能够对数据挖掘概念、分类、聚类、关联规则等内容有基本的认识，熟悉数据挖掘的基本算法、工具以及掌握其技术原理和应用方法，了解数据挖掘方向的主要研究热点与应用领域，为进入更深入的智能数据分析研究打好基础。

. " Methods and Techniques of Data Mining " is a professional core course, mainly introduces the methods and techniques of data mining. This course emphasizes the combination of theory and practice, enables students to master the core technology of data mining through case analysis and experiments, and trains students' comprehensive ability of theoretical analysis and application of data mining,

Through the study of this course, students can have a basic understanding of data mining concepts, classification, clustering, association rules and so on. They are familiar with the basic algorithms and tools of data mining, as well as their technical principles and application methods, to understand the main research hot spots and application fields of data mining, and to lay a good foundation for further intelligent data analysis.