《数据可视化》课程中英文简介

Data Visualization

课程代码：071183B **Course Code：**071183B

课程名称：数据可视化 **Course Name：**Data Visualization

学时：48 **Periods：**48

学分：2 **Credits：**2

考核方式：考查 **Assessment：**Assignment

先修课程：计算机应用基础 **Preparatory Courses：**Fundamentals of Computer Application

《数据可视化》是为全日制大学本科信息管理与信息系统专业（大数据方向）而开设的专业选修课程。通过本门课程的教学，使学生掌握数据可视化的一般原理和处理方法；了解数据可视化方法的前沿方向；探索对不同业务情景下海量数据的洞察和分析。教学过程中，拟通过课程原理讲解和实验案例实践相结合，为学生进一步学习信息管理与信息系统专业的相关知识奠定基础。

本课程是一门大数据方向专业选修课程，它阐述了数据可视化的基础理论和概念，数据处理和分析方法，数据可视化的方法与评估，以及可视化软件与工具等。

"Data Visualization" is a course of subject elective major for full-time undergraduate information management and information systems. Through the teaching of the course, students can master the general principles of data visualization and processing methods, understand the frontier research of data visualization and explore the application and analysis of big data in various of scenarios. During the teaching process, principle of the curriculum and experimental cases are combined in order to lay a fundamental for further studying related courses of information management and information systems.

This course is subject elective for big data major. It illustrates the basic theory and concept of data visualization, methods of data process and analysis, evaluation and tools of data visualization.