SF-TEXT ANALYTICS

PCP-DA

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Lecturers

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Course Agenda

Day	Module	Instructor
1	• Course Introdution • Introduction to Text Analytics • The Text Analytics Process • Get the text data ready for analysis • Tutorial & workshop	Zhenzhen
2	• Document classification • Topic modelling & document clustering • Tutorials & workshops	Aobo
3	• Extract information from text • Linguistic resources to improve conceptualization • Tutorials & workshops	Zhenzhen

Objectives of this course

At the end of this course, you can:

- Describe and follow the general text mining process to discover insights such as relations, patterns, trends, etc., from textual data

- Understand the concepts and be able to apply the techniques of major text mining tasks such as concept extraction, text categorization, clustering, topic modelling, association analysis, etc.

- Understand the importance of domain-specific lexical and knowledge resources such as vocabularies, thesaurus, taxonomies, ontology, rules, etc., and be able to develop such resources to improve the mining results

- Competence-based Assessment
  - In-class quizzes
  - In-class workshop submissions

- Compulsory