mlsmm2156

2020

Due to the COVID-19 crisis, the information below is subject to change, in particular that concerning the teaching mode (presential, distance or in a comodal or hybrid format).

5 credits	30.0 h	Q2

Teacher(s)	Sommer Felix ;
Language :	French
Place of the course	Mons
Aims	*The contribution of this Teaching Unit to the development and command of the skills and learning outcomes of the programme(s) can be accessed at the end of this sheet, in the section entitled "Programmes/courses offering this Teaching Unit".*
Evaluation methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Oral examination based on the lectures as well as a development project
Teaching methods	**Due to the COVID-19 crisis, the information in this section is particularly likely to change.** Lectures, Lab work integrated into the course
Content	Nowadays, recommender systems play an ever more important role to propose products or services to consumers. Recommending movies, music, news, books, restaurants, financial services, search terms, or contacts, etc. has become a key asset for many companies. Recommender systems can be based on numerous approaches in existence today. This course covers some of these systems with a focus on recommender systems data, collaborative filtering, matrix factorization, and the evaluation of recommender systems.
Inline resources	Brief introduction: https://tryolabs.com/blog/introduction-to-recommender-systems/ General overview: https://link.springer.com/book/10.1007%2F978-3-319-29659-3
Bibliography	Ekstrand, Michael D., John T. Riedl, and Joseph A. Konstan. "Collaborative filtering recommender systems." Foundations and Trends® in Human–Computer Interaction 4, no. 2 (2011): 81-173. Aggarwal, Charu C.. "Recommender Systems." Springer International Publishing (2016).
Faculty or entity in charge	CLSM

Programmes containing this learning unit (UE)				
Program title	Acronym	Credits	Prerequisite	Aims
Master [120] in Data Science : Statistic	DATS2M	5		🔍
Master [120] : Business Engineering	INGM2M	5		🔍
Master [120] : Business Engineering	INGE2M	5		🔍