
PROGRAMA DE VERÃO 2025 - 709

ESCOLA DE MATEMÁTICA APLICADA FGV EMap

DISCIPLINA: The Machine Learning Behind Recommendation Systems

PROFESSOR: Diego Galeano

CARGA HORÁRIA: 12

PRÉ-REQUISITO: The course requires a basic understanding of linear algebra and calculus. The programming exercises requires basic knowledge of python. It is recommended to bring a laptop to this course.

PERÍODO: 20/01/25 a 30/01/2025 (Mondays and Thursdays)

HORÁRIO: 9h às 12h

PLANO DE ENSINO

1. Ementa

The recommender systems course will be held on Mondays and Thursdays, from 9:00 a.m. to 12:00 p.m., for 2 weeks. Each session will last for 3 hours, combining lectures, programming showcases and programming exercises. The course focuses on key concepts, case studies, and real-world applications.

2. Procedimentos de avaliação

No assessment will be applied during the course.

3. Bibliografia Obrigatória

4. Mini Currículo

Diego Galeano is a professor in AI/ML at the Faculty of Engineering, Universidad Nacional de Asunción in Paraguay. He received his Ph.D. in computer science from Royal Holloway, University of London, under the supervision of Prof Alberto Paccanaro. During his Ph.D., he also worked as a research fellow for Prof Mark Gerstein at Yale University and Prof Michel Bronstein at Imperial College London. He also worked as a postdoctoral researcher in data science at Fundação Getulio Vargas, RJ, Brasil. His main area of research consists of applications of AI in drug discovery, medicine with a focus on recommender systems models. He collaborates with academic and industry partners, such as the COV-IRT and AWG GeneLab NASA consortiums, Kwaai.