Università DEGLI STUDI DI PADOVA

Department of Cardio-Thoracic-Vascular Sciences and Public Health

Biostatistics, Epidemiology and Public Health Unit
UBEP

PhD course
Translational Specialistic Medicine G.B. Morgagni

Journal Club
"A Gentle Introduction to Graph Neural Networks" by Sanchez-Lengeling, et al"

Speaker:
Silvano Salaris
Ph.D. at UBEP

Moderator:
Paola Berchialla
Associated Professor of Biostatistics - UNITO

Abstract:

Graphs are all around us; real world objects are often defined in terms of their connections to other things. Researchers have developed neural networks that operate on graph data (called graph neural networks, or GNNs) for over a decade. This JC explores and explains modern graph neural networks: what kind of data is most naturally phrased as a graph and some common examples; what makes graphs different from other types of data and the specialized choices we have to make when using graphs; the key components and some common applications of GNNs.

Wednesday 5th April, from 1:30 p.m. to 3:00 p.m.
Aula Cardiologia - Centro Galluci
Via Giustiniani 2 - Padova

Can follow the seminar by clicking here