

Graduatoria per l'assegnazione di un incarico di prestazione occasionale per attività di supporto alla ricerca

(Bando di selezione del 18.02.2020 - scadenza: 09.03.2020;
Approvato con delibera del Consiglio di Facoltà n. 12/2020 del 13.02.2020)

Rangordnung zur Erteilung eines Auftrags für gelegentliche Mitarbeit in Bezug auf unterstützende Forschungstätigkeit

(Ausschreibung vom 18.02.2020 – Einreichetermin: 09.03.2020;
Genehmigt mit Beschluss des Fakultätsrates Nr. 12/2020 vom 13.02.2020)

Approvata con decreto del preside della Facoltà di Scienze e Tecnologie informatiche n. 16/2020 del 16.03.2020

Genehmigt mit Dekret des Dekans der Fakultät für Informatik Nr. 16/2020 vom 16.03.2020

Riferimento / Kennziffer:

P02

Progetto di ricerca / Forschungsprojekt:

"Knowledge Discovery and Case-based Reasoning"

Descrizione dell'attività / Beschreibung der Tätigkeit:

Development of an exploratory system which can find similar patterns between entities (users, patients, etc.) and provide case-based reasoning (i.e., explanations) for the found similarities. In particular, the algorithm that will be implemented has to run on multi-dimensional data, which consist of any kind of participating entities (i.e. patients, drugs, and diseases, or else users, movies, and movie categories, etc.). The algorithm should be able to transfer the data from a relational database into Neo4j graph database. That is, the algorithm should be able to run on Heterogeneous Information Networks (HINs) and should use meta paths to infer similarities among entities, etc. The system should also provide explanations using meta paths. The graphs used can be directed/undirected and weighted/unweighted.

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