



פרופסור סוזן דוידסון

המחלקה למדעי המחשב והמידע
אוניברסיטת פנסילבניה, פילדלפיה, ארה"ב

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Lecture | הרצאה

NOVEL USES OF PROVENANCE IN DATA SCIENCE APPLICATIONS

Abstract

Provenance – the “why” and “where” of data – has been extensively studied and has been used to understand the results of database queries, debug networks, and analyze data science workflows. In this talk I will discuss two novel uses of data provenance: creating fine-grained citations for data extracted from a database; and incrementally updating machine learning models after deletions have been made to the training set. I will also show how the latter can be used to efficiently clean label uncertainties in machine learning training sets.

The lecture will be held on Sunday,
24 October 2021, at 12:00,
Seminar Room 420, Checkpoint Building,
Tel-Aviv University, Ramat-Aviv

ההרצאה תתקיים ביום ראשון,
24 באוקטובר 2021, בשעה 12:00,
חדר סמינרים 420, בניין צ'ק פוינט,
אוניברסיטת תל-אביב, רמת-אביב

כיבוד קל יוגש לפני ההרצאה | Light refreshments will be served before the lecture