PRESS RELEASE

DBdiffs Provides a Set of Database Tools, Helping Organizations maintain and process their data

UMD students have developed a set of database tools to manage and tackle the issues associated with working with large, changing datasets

COLLEGE PARK, MD - April 9, 2019 - Organizations may soon be able to easily manage and work with their data. Students at the University of Maryland, College Park, have developed DBdiffs, a set of database tools that allows users to tidy their data and store it within a database to work with. DBdiffs was created with the intent of helping system administrators manage large sets of data and allowing for users to easily query and manipulate data.

“Big Data” is now a buzzword that is frequently thrown around in articles and the news. With the increased interest in using large datasets to find trends and build statistical models for machine learning algorithms to learn from, it becomes increasingly important and difficult to be able to handle and manage large sets of data. Common issues that system administrators and data scientists run into are untidy data sets and an inability to easily manipulate and work with their curated datasets to find connections between their data.

With DBdiffs, there is now a way for users who work with large datasets to easily tidy and curate datasets to work with explore trends between seemingly unrelated data. There have been libraries created for cleaning data and manipulating data, but nothing like DBdiffs which allows for users to work with their data under one application. DBdiffs looks to provide users with a set of tools that encompasses all functionality needed of the data science pipeline.

More information about DBdiffs can be found at - https://www.cs.umd.edu