



University at Buffalo

Department of Computer Science
and Engineering

School of Engineering and Applied Sciences



Oliver Kennedy

[Homepage](#)

Research Category: C) System, D)
Interdisciplinary

Research Area: Databases, Data Science,
Programming Languages, Society and
Computing

Research Application: Reproducible Data
Science, Data Structures, Food Systems.

Selected Research Projects:

NSF: CIF21 DIBBs: EI: Vizier, Streamlined Data
Curation

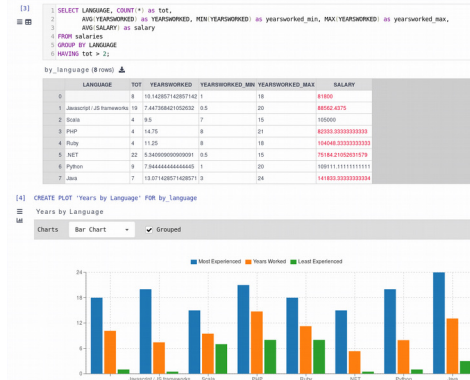


NSF: SCC-PG: A Sustainable and Connected
Community-Scale Food System to Empower
Consumers, Farmers, and Retailers

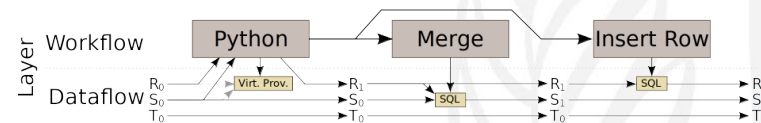


Streamlined Data Curation in Vizier

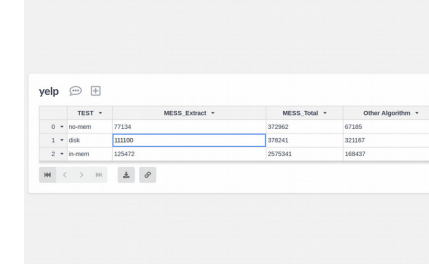
<https://www.vizierdb.info>



Multimodal Notebook



Native Provenance-Based Debugging

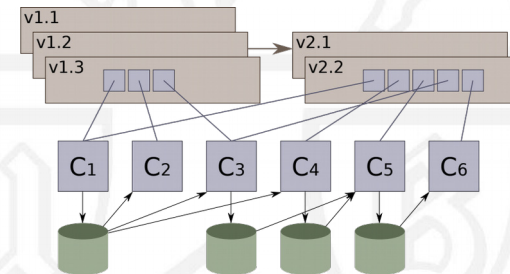


Spreadsheet Provenance Inline Data Documentation

Notebook

Cell

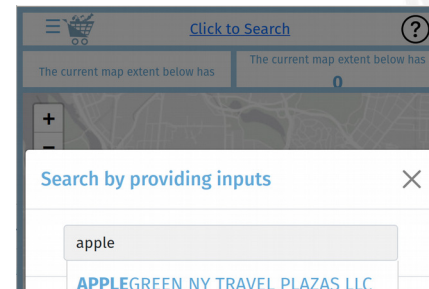
State



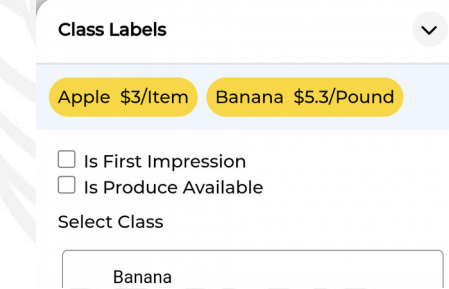
Full, Automatic Versioning



A Social “Food System” Network for Buffalo, WNY, and the world



Find Fresh, Local Produce



Community Keeps Data Fresh via Image Recognition

