

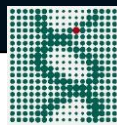
PostDoc

*Database Versioning
Database Wiki*



PhD

*Data Cleaning & Integration
Quality of Genome Data*



NYU

Research Engineer

*Data Curation
Scientific Workflows & Reproducibility*

Heiko Mueller

Research Engineer
New York University

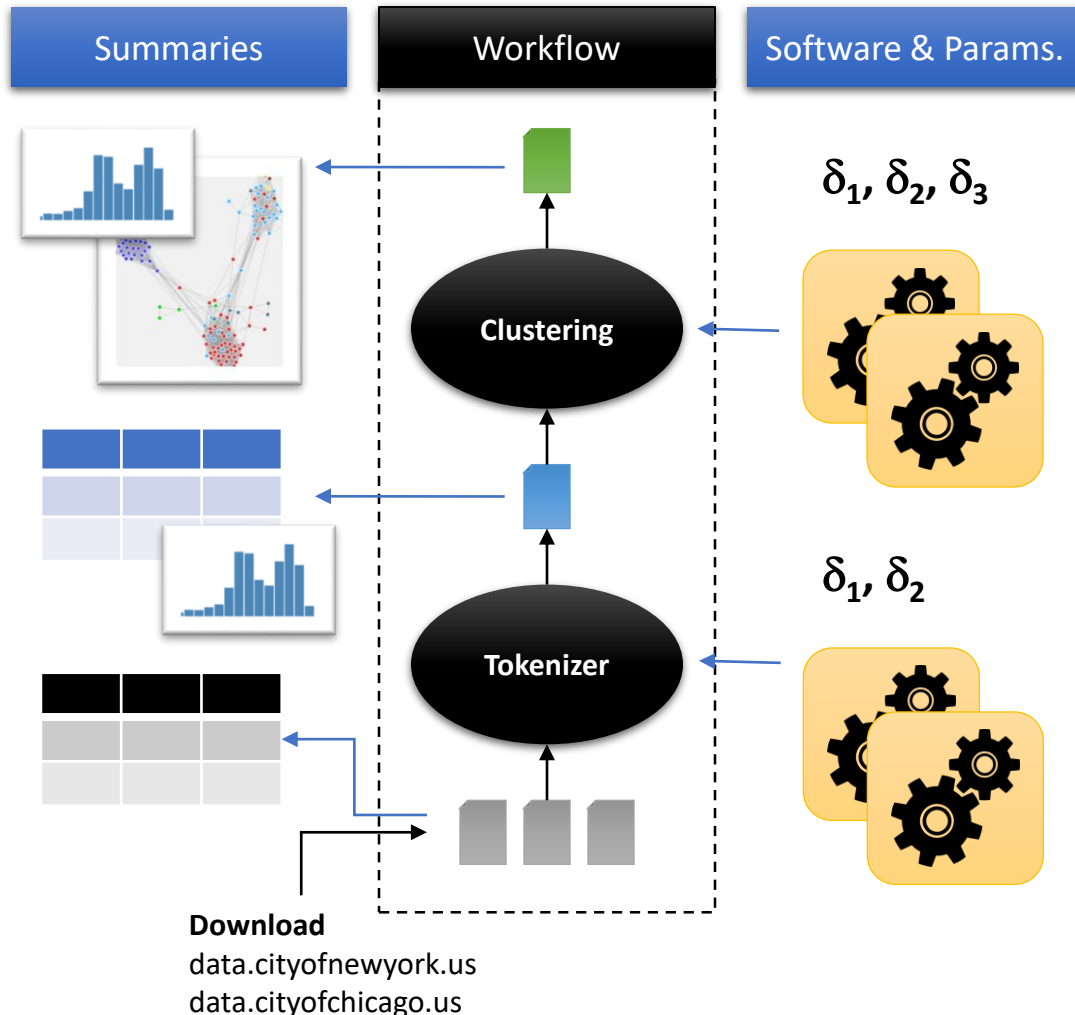
Research Scientist & Team Leader

*Metadata and Interoperability
Sensor Data Management
Bioinformatics*



Vision for Research Project Management Tool

How to avoid the *WCPM.K3.SIM0.8.APRO.COS.CSW.SIM0.5.ALL.txt* problem



Experiments keep track of their environment (variables)

Data

Workflow & Software

Parameters

$\delta_1, \delta_2, \delta_3$

'Clone environment' to (re)-run experiment with different values

Keep track of updated files automatically

δ_1, δ_2

Allow user to interact with data via Web Interface