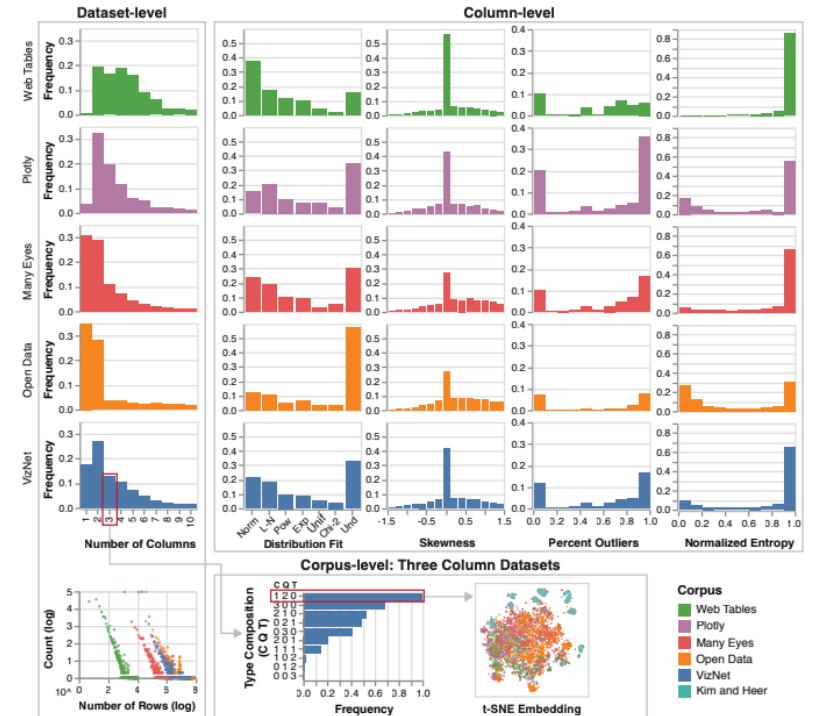


Project Pitch: A Survey of Metadata Visualization

Jianhao Cao
Sept. 28, 2022

Why Metadata Visualization

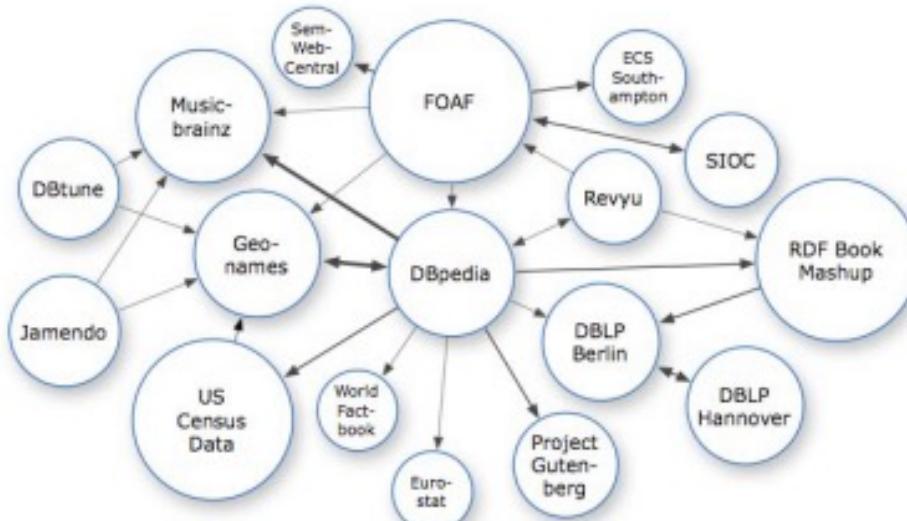
- Metadata is important to understanding data
- Visualization helps people better understand information



[1] Kevin Hu, Snehal Kumar 'Neil' S. Gaikwad, Madelon Hulsebos, Michiel A. Bakker, Emanuel Zgraggen, César Hidalgo, Tim Kraska, Guoliang Li, Arvind Satyanarayan, and Çağatay Demiralp. 2019. VizNet: Towards A Large-Scale Visualization Learning and Benchmarking Repository. In Proceedings of the 2019 CHI Conference on Human Factors in Computing Systems. Association for Computing Machinery, New York, NY, USA, Paper 662, 1-12.

Why Metadata Visualization

- Metadata comes in different forms



Places of Interest

Public and Private facilities located or operating within the City of Surrey. Includes some private facilities that contain recycling facilities or drop-off centres.

Data and Resources

Places of Interest Available in CSV format.	Explore
Places of Interest Available in Excel format	Explore
Places of Interest Available in JSON format	Explore
Places of Interest Available in File GeoDatabase Format	Explore

RCMP	arena	attraction	cemetery	community	dog	facilities	fire
garbage	golf	hall	hospital	justice	lacrosse	library	movie
municipal	park	places of interest	points of interest	pool	recreation		
recycling	school	senior	shopping	skate	swimming	tennis	
theatre	water	youth					

Details

Last Updated	September 7, 2022, 2:02 PM (UTC-07:00)
First Published Date	March 17, 2014
Maintainer	GIS Section
Data Update Frequency	Monthly

[2] Auer, S., Bizer, C., Kobilarov, G., Lehmann, J., Cyganiak, R., Ives, Z. (2007). DBpedia: A Nucleus for a Web of Open Data. In: , et al. The Semantic Web. ISWC ASWC 2007 2007. Lecture Notes in Computer Science, vol 4825. Springer, Berlin, Heidelberg.

[3] Surrey Open Data. <https://data.surrey.ca/dataset/places-of-interest>

What to do

- Identify usage scenarios of metadata visualization
- Discover common patterns
- Review current applications

Where to start

- Be domain-specific
 - Web-tables
- Resources
 - Visualization tools
 - Application papers