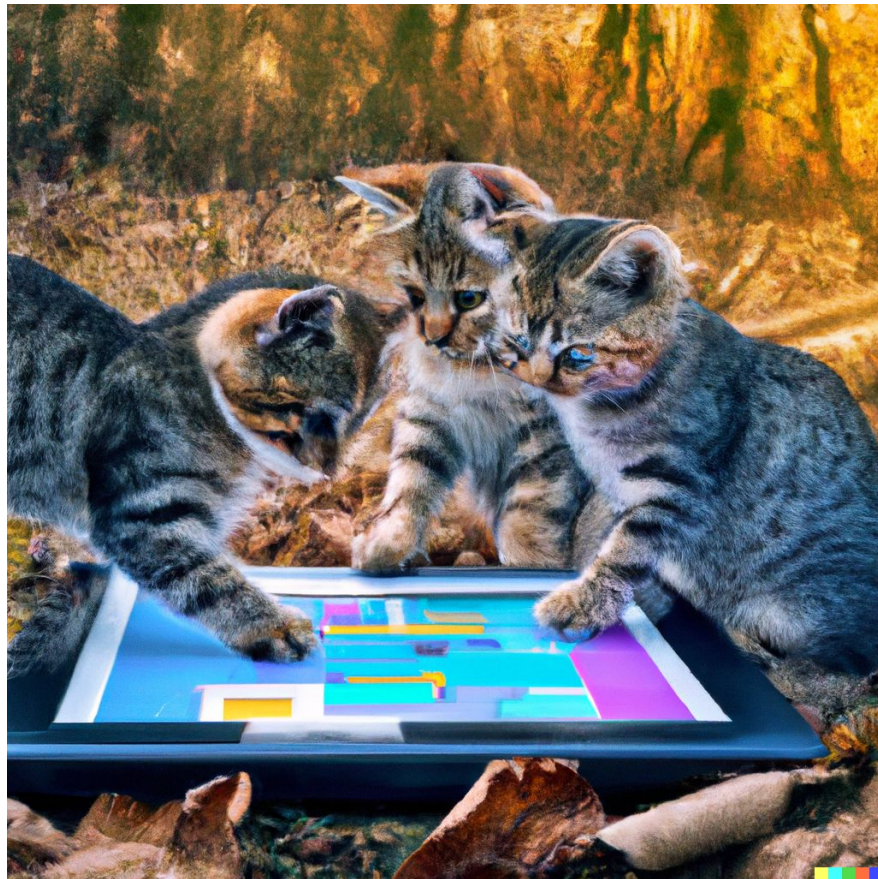


FALL 2023
DSE 12700
VISUAL ANALYTICS

Professor
Madeline Blount
she/her

Week 6
MAPPING! Part I



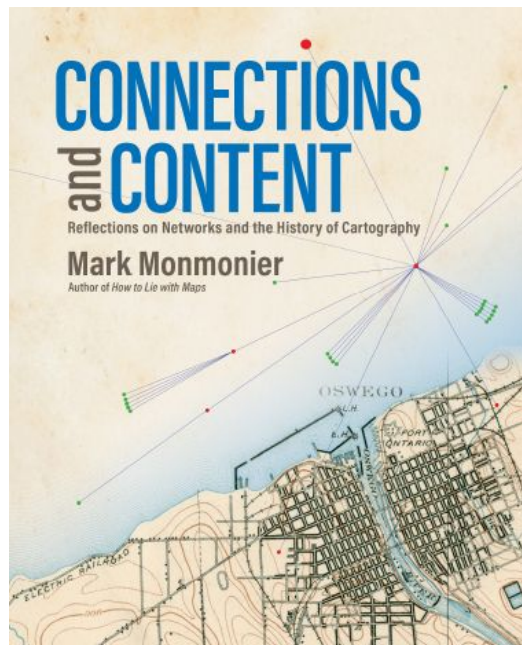
Dall-E2, tabby kittens creating colorful digital charts in a forest, photorealistic style



Mark Monmonier
Syracuse University (emeritus)

Geographer

“Desktop mapping” - Adobe photoshop, less
code-based work



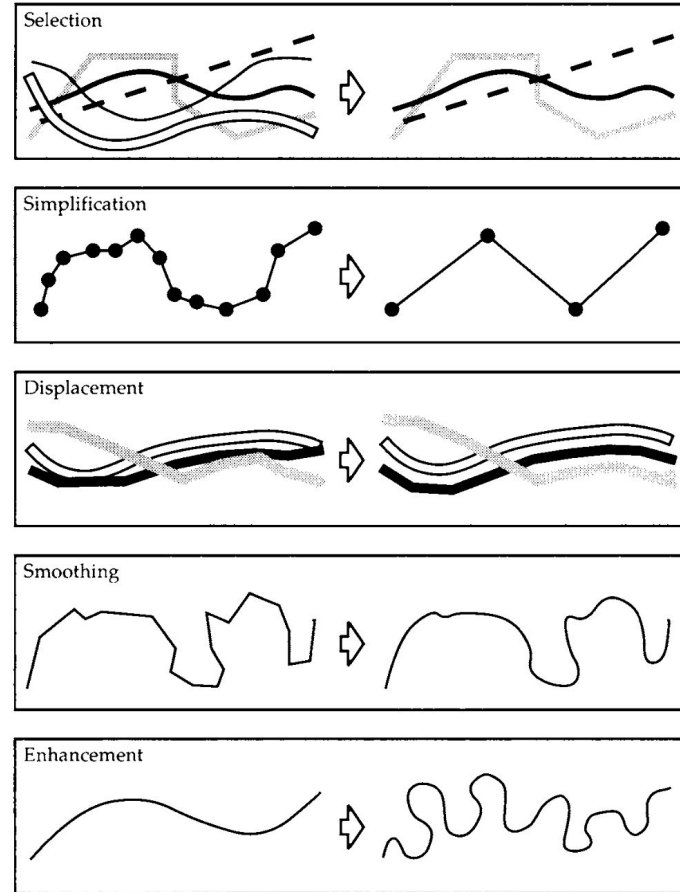
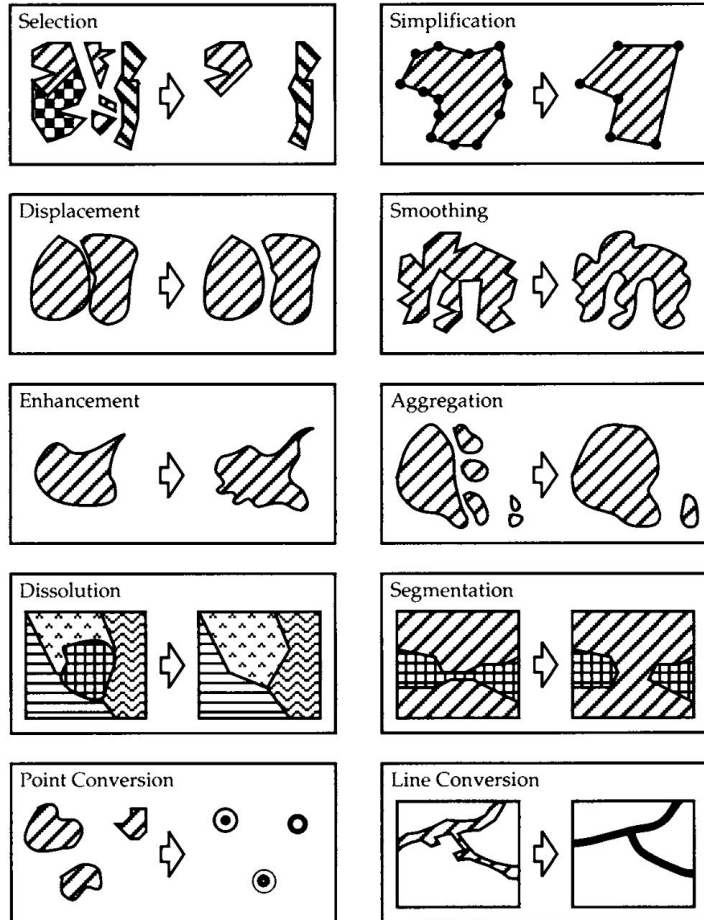


FIGURE 3.1. Elementary geometric operations in the generalization of line features.

Alan McConchie, Stamen

"studied Geographic Information Systems at Hunter College in New York .. in his dissertation research he studied OpenStreetMap as way to understand the social dynamics of crowdsourced mapmaking online."



Beth Schechter, Stamen

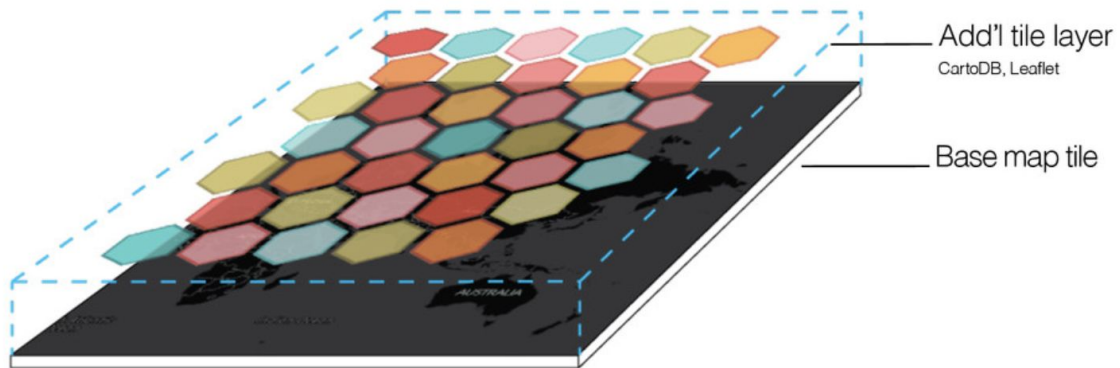
Georgia Tech, Maptime founder;
"Maptime has now grown into local chapters worldwide as informal, grassroots meetings with collaborative education and training in map-making."



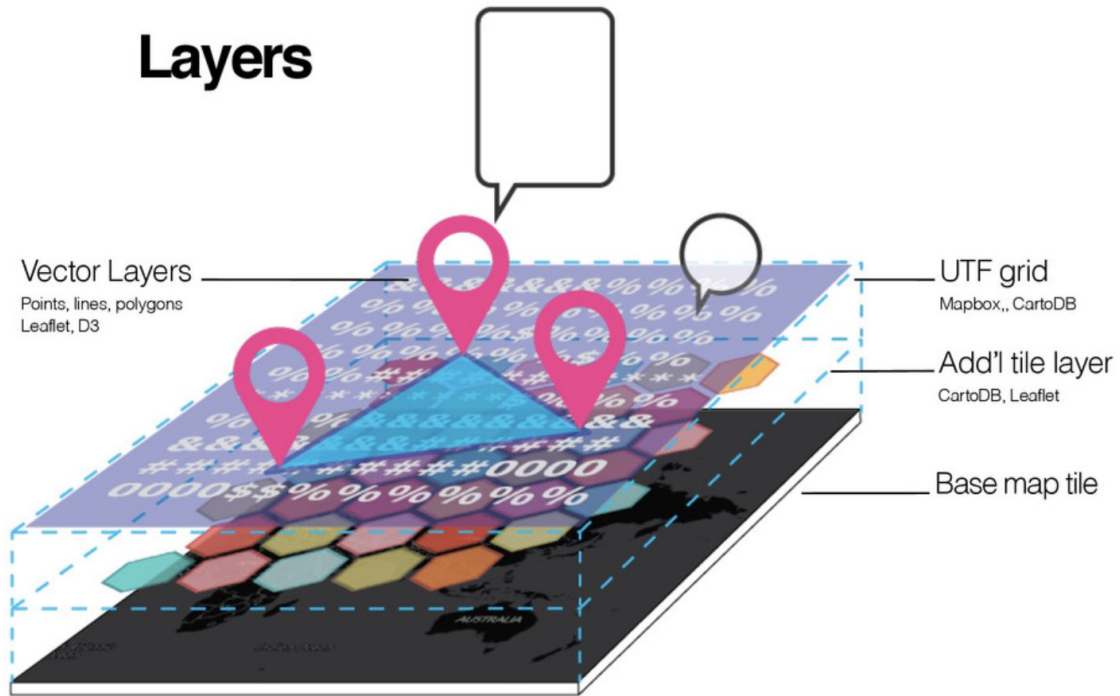
Layers



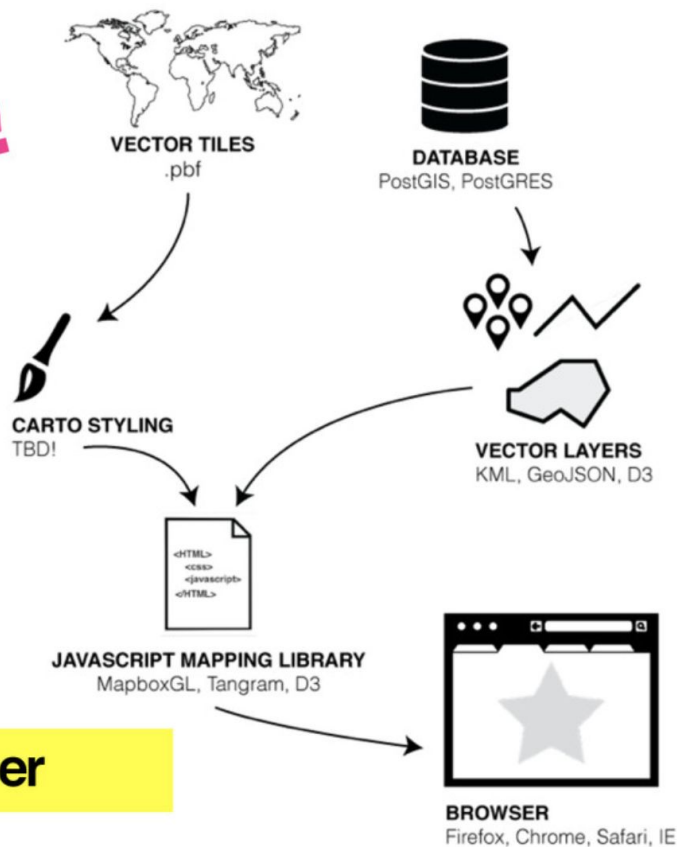
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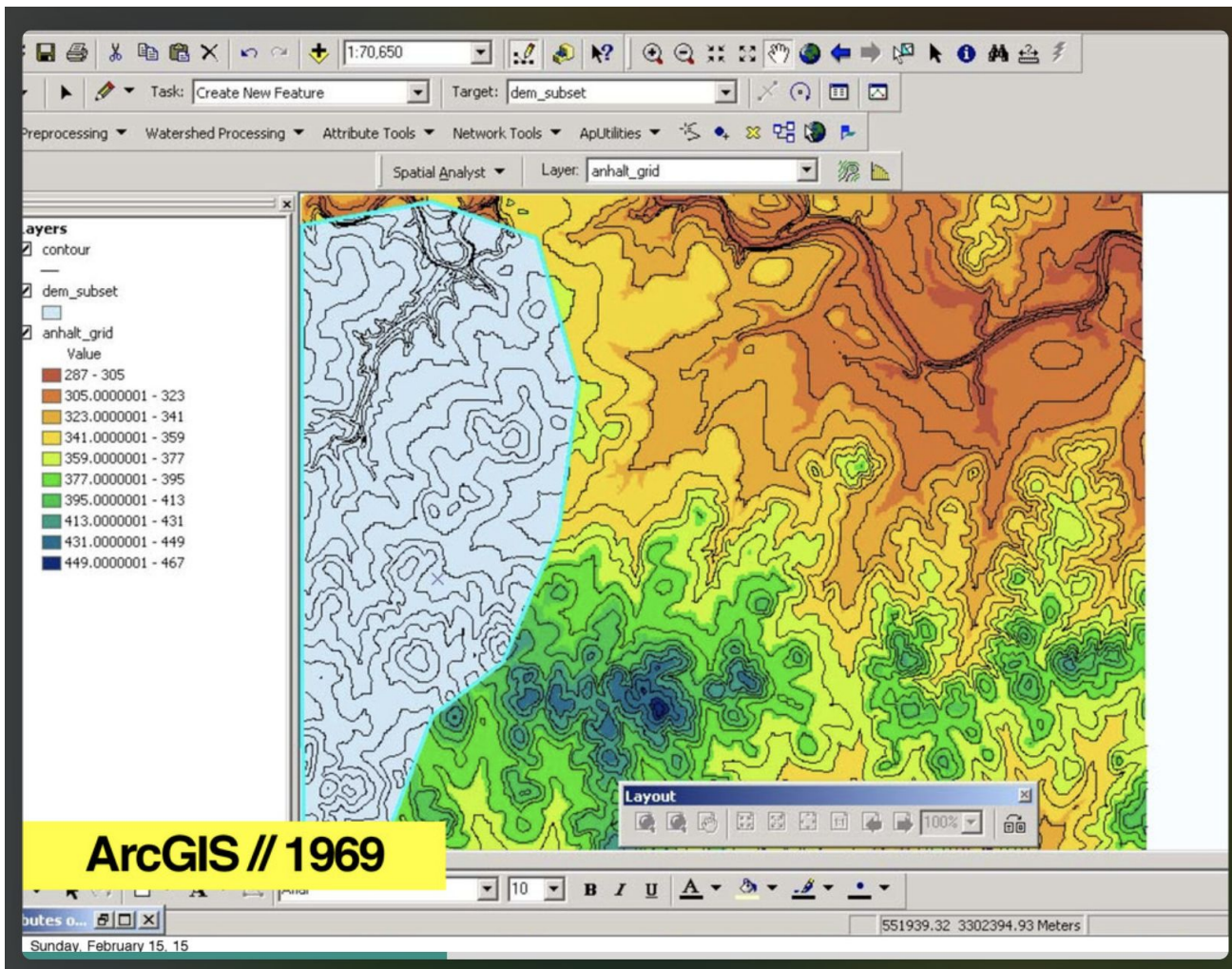
Layers



**This is the
FUTURE!**



Vector → Browser



ArcGIS // 1969

Beth Schechter

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64°F Clear - Mount

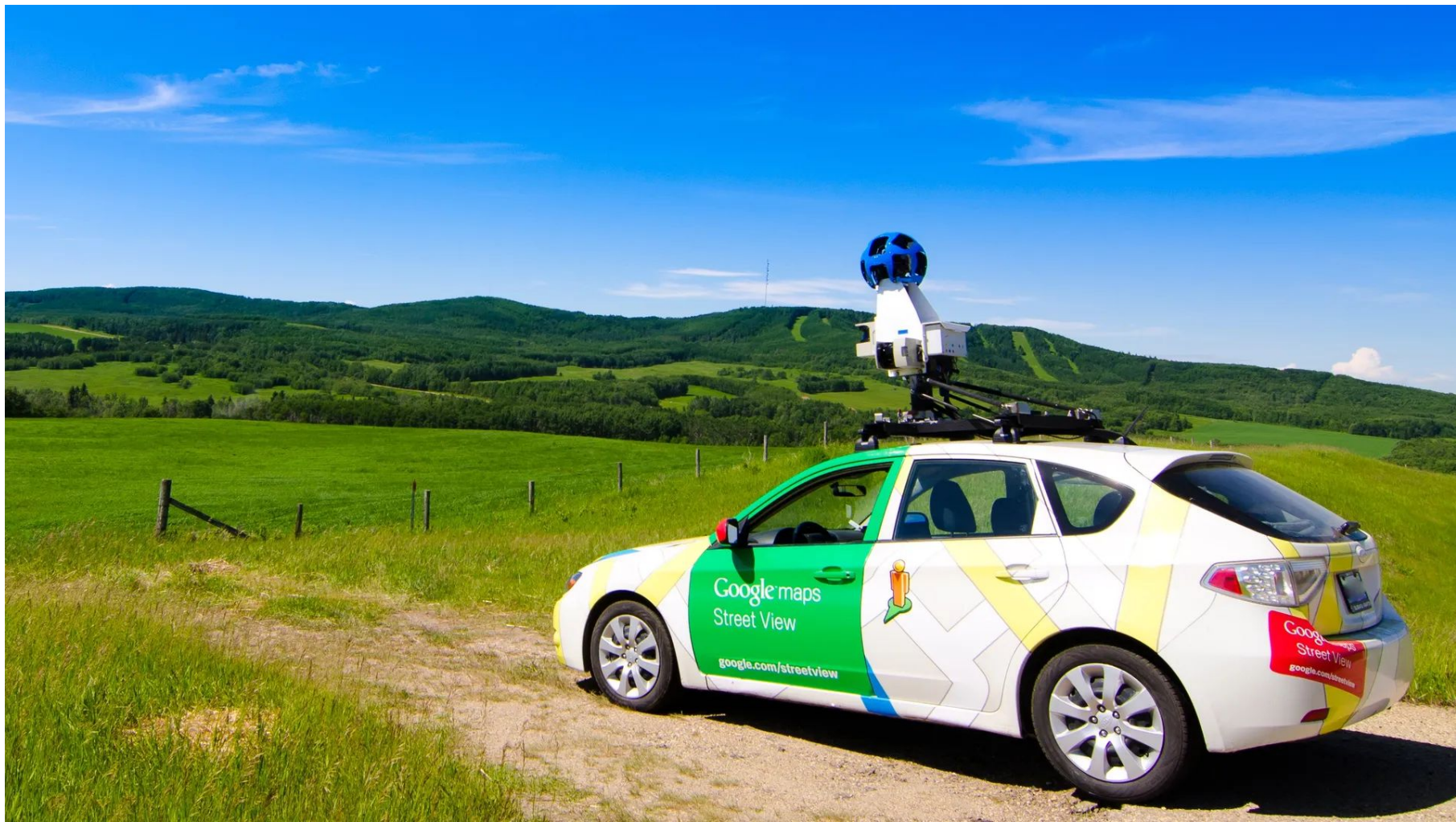
GOOG 376.80 +4.6

Scratch Pad

Conf #: 888-555-555
Conf Code: 11111

News

Google Maps // 2005





Open Street Map

Started 2004, in UK
Steve Coast, student

Public material;
donated datasets;
“ground-truthing” GPS
traces by volunteers