FOURSQUARE

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Hey there,

It's Aaron here with your monthly product updates. This month's release notes have some pretty exciting model improvements to our Places database, including a new core attribute for Places clients. In addition to our Places updates, a few Studio improvements are worth highlighting. Let's get into it.

Highlights by Product

Places

Improved Closed scores for US POI: We've recalibrated our Closed model with a more diverse, higher quality, and larger dataset to power better predictions. As a result, we've seen our confidence threshold increase by 50%. The closed bucket is now more reflective of the post-COVID normal, enabling a 92% confidence score when we say a place is VeryLikelyOpen.
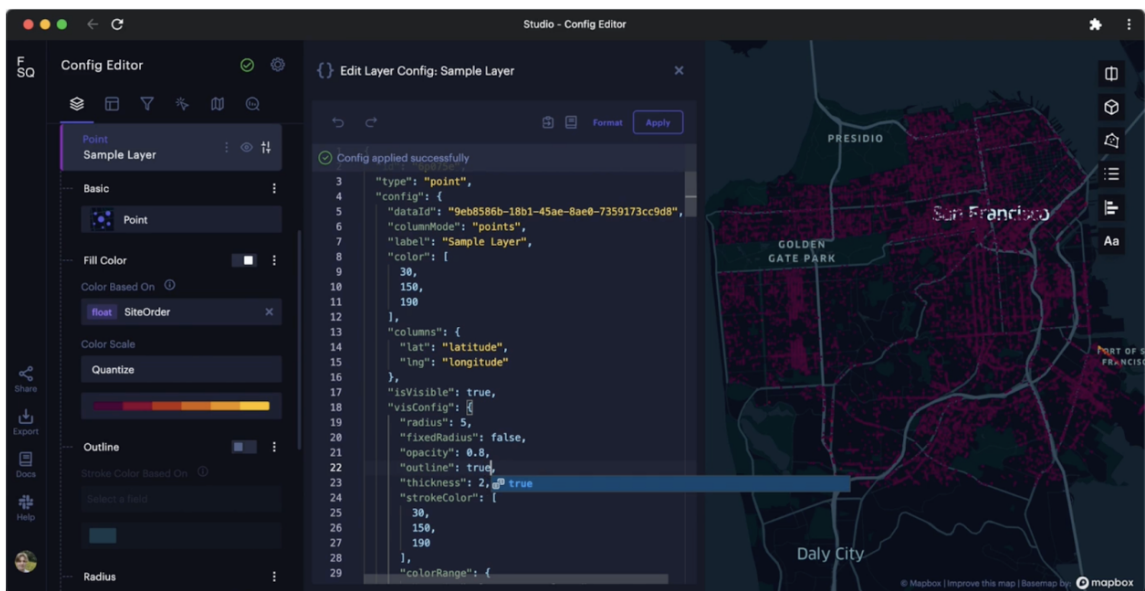
Application of our Geosummarizer model to US POI: This model will improve the final lat-long for POIs by analyzing geocodes from multiple data sources. As a result of the Geocode summarization, the median distance to the ground truth has been reduced by roughly 24% when compared to their old lat-long. Nearly 11% of POIs (>5M) are expected to improve with this update.

Studio

As always, the Studio team has been hard at work developing new features and improvements, adding new features such as custom color scales for categorical values, dataset validation to check for disabled/broken layers, and many others.
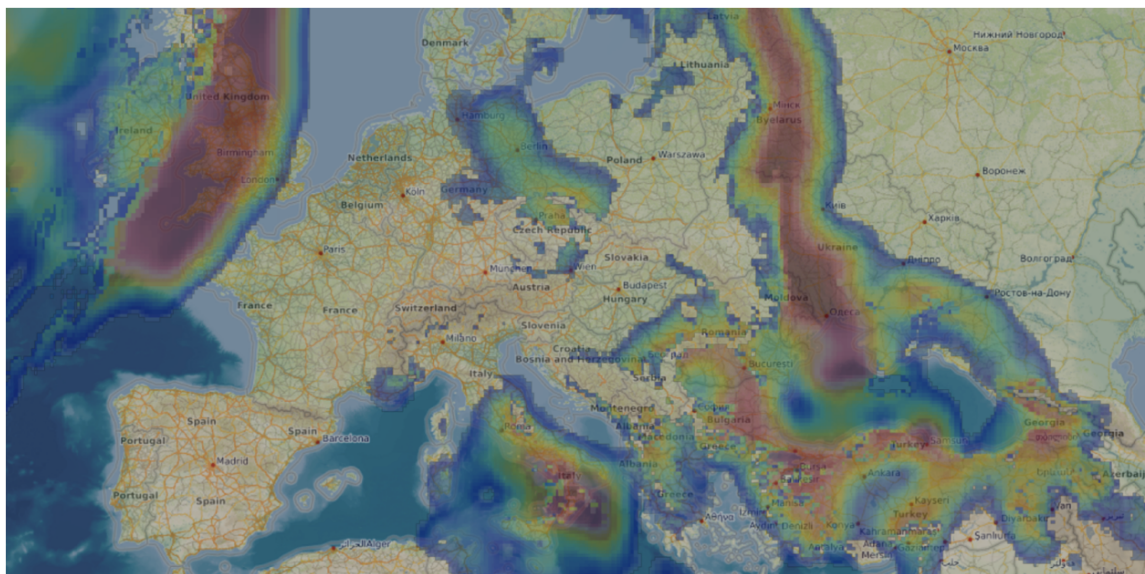
In addition to the improvements, here are a few others to highlight:

Layer Configuration Editor: Studio's human-readable layer configurations are now more accessible than ever through Studio's new feature-rich config editor. With Studio's config editor, users may modify the layer programmatically with the added benefits of syntax suggestions, multi-line editing, and a number of other options found in modern code editors.
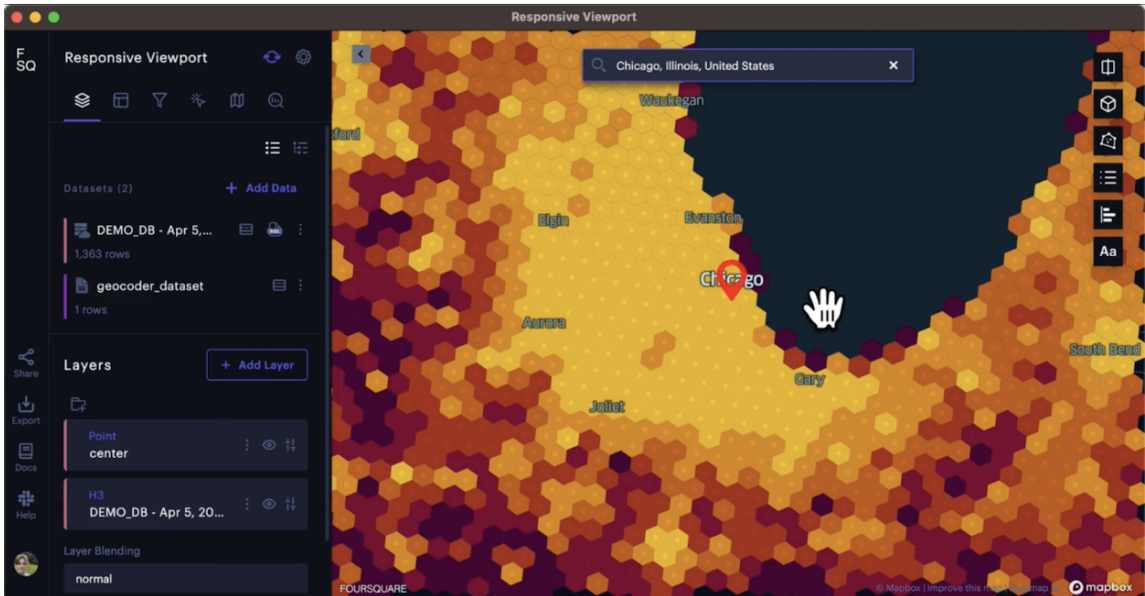

Layer Configuration Editor: Editing the layer configuration via the config editor

WMS Service Support: Studio now supports WMS services. This added support would enable the rendering of map imagery as a visual layer. Instead of downloading a map of the entire globe, an image will be rendered for the current viewport.

WMS Service Support/Improved Image Rendering: Rain probability layer over an OpenStreetMap and topographic layer.

Dynamic Viewport Query: Users may now retrieve data that falls within their current viewport by adding viewport to the query parameter. The data displayed will dynamically update, pulling new data for the current view as users move the viewport.

Dynamic Viewport Query: Analyzing a viewport query and its location data on the map.

Quick links:

- Places data release notes
- Studio data release notes
- API release notes
- Create a free (forever) Studio account
- Contact us for a demo, data sample, or just to say hi

That's all for this month. Tune in next month, as we should have some exciting POI updates in store for you all. Feel free to reply to this email with any questions, and I'll get back to you right away.

Cheers,
Aaron Acosta
Product Marketing Manager