

February 2025 sponsor update on Mike Honey's GitHub projects Published

Mike-Honey published an update on Mar 1 for 8 tiers

Hi Sponsors!

This is the first of my monthly newsletters summarising what I have been up to across my GitHub projects, for my GitHub Sponsors. Your support (no matter how big or small) has helped fund and encourage me in this work. If you see anything below that piques your interest, please don't hesitate to ask more questions or dig into the interact dataviz projects yourself.

Please share my work across your networks and encourage others to join you in sponsoring my projects. .

<https://github.com/Mike-Honey/covid-19-genomes>

- Weekly updates of the data from GISAID continued.
- Lineage updates from Nextclade were unusually frequent last month - each requires a re-processing of the sequence data to reassign samples using the latest lineage calls. My routine is to only run this for the data from Jan 2024 onwards, as the full GISAID dataset takes several days to process. Even that cutdown dataset takes 2-3 hours to process on an 8-vcpu Virtual Machine. There were 3 of those runs last month.
- My analysis across the months tracked the continued emergence of the LP.8.1.* variants to challenge the incumbent XEC.* variants. There were a few interesting regional variations: LP.8.1.* grew fastest in the US, and XEC.* never reached dominance in NZ.

<https://github.com/Mike-Honey/sars-cov-2-genomes>

- Weekly updates of the data from GISAID continued.
- I used this project to help drive the understanding of a potential new variant emerging in Ecuador and starting to appear in wastewater data in the central US: https://x.com/Mike_Honey_/status/1895568003586277445
- this project is not as important when the lineage updates from Nextclade are regular and timely, as they were last month.

<https://github.com/Mike-Honey/covid-19-au-vaccinations>

- Daily scheduled updates of the data from covidlive.com.au continued
- Weekly updates of the data from ADHAC (Aged Care Metrics) continued
- Australia seemed to be in a trough by most COVID metrics during the month, following the XEC.* wave that peaked in early January

<https://github.com/Mike-Honey/covid-19-world-vaccinations>

- Daily scheduled updates of the data from OWID and the WHO continued

- the mortality data from SMTF was updated, for the excess deaths analysis. There is a lot of content to explore there, across many countries which I have not published on social media. But I find this a very difficult topic to work on. I will try to find a way to push through that, as the comparison to 2015-2019 as the baseline becomes increasingly tenuous as time goes by.

I shared content and analysis from the above projects across various social media channels:

- Mastodon: https://aus.social/@mike_honey_
- BlueSky: <https://bsky.app/profile/mikehoney.bsky.social>
- X/Twitter: https://x.com/Mike_Honey_
- Insta: https://www.instagram.com/mike_honey__/
- YouTube: <https://www.youtube.com/channel/UCNeIxLSC010bulYuwDFBaYg/>

That's about it for this month. Thanks again for your support

Sincere thanks

Mike Honey