

# COVID-19 Taxila: mining patterns in text in the fight against the pandemic

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In the context of COVID-19 pandemic, there is an urgent need to empower scientists, doctors and healthcare researchers at the frontline of the fight with access to the dynamic landscape of scientific literature, clinical trials and drug development efforts happening around the world.

We present the COVID-19-Taxila platform, which collects, curates and organizes information on a daily basis from varied sources, including PUBMED, Arxiv, ClinicalTrial.gov, COVID-19 Open Research Datasets and others. It provides an easy to search interface for contextual navigation and a suite of analytics modules to enable the scientific community in obtaining actionable insights. The platform is powered by Taxila, an end-to-end analysis and intelligence platform which combines state-of-the-art natural language processing and natural language understanding (NLP/NLU) algorithms to analyze text in context.

We present our experiences in the development and deployment of the platform for the scientific community at large, and highlight some insights mined from COVID-19 Taxila, which may provide potential directions in the global fight against this pandemic.

## References and useful links

<https://covid19.taxila.io/>

<https://medium.com/@sbijapan>