

## **A COVID-19 Hub for Zimbabwe**

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### **Abstract**

Like the rest of the world, Zimbabwe has been suffering from the effects and conditions associated with the Coronavirus (COVID-19) pandemic since March 2020. Throughout this period, citizens require information, knowledge, and understanding about the virus including the measures that have been implemented by the government in the fight against the pandemic. Decision makers need data analytics to make informed decisions on policies and moreover, tech persons also require resources that can assist them in building solutions in the fight against the pandemic in this technology era.

The COVID-19 Hub for Zimbabwe house's location based, informative, raw data and analytical resources that help the citizens, decision makers, and persons in the technical fields to fight against this deadly virus which has claimed more lives over the past year. Citizens can also easily find resources using location intelligent applications contained within the hub (i.e., Vaccine Finders and COVID-19 Testing Centres). The solutions include dashboards, raw datasets, and visual informative tools for the republic of Zimbabwe. Moreover, through the ArcGIS API, we have managed to share external integration which leverages our data and resources into other innovative solutions by the Youth in Zimbabwe to promote and use Information Communication Technology (ICT) in the fight against COVID-19.