Capstone Two - Project Ideas

Dataset 1: Covid-19 from Kaggle

https://coronavirus.jhu.edu/about/how-to-use-our-data

A new coronavirus designated 2019-nCoV was first identified in Wuhan, the capital of China's Hubei province. People developed pneumonia without a clear cause and for which existing vaccines or treatments were not effective. The virus has shown evidence of human-to-human transmission. Transmission rate (rate of infection) appeared to escalate in mid-January 2020. As of 30 January 2020, approximately 8,243 cases have been confirmed

Problem Foundation:
Develop a time series forecasting model to accurately predict COVID-19 cases in USA

Dataset 2: HIV AIDS Dataset from Kaggle

https://www.kaggle.com/datasets/imdevskp/hiv-aids-dataset/data

What is the status of HIV AIDS across the world, where does each country stands, is it getting any better. The data set should be helpful to explore much more about above mentioned factors.

Problem Formulation:
Forecasting HIV AIDS in these regions.

Dataset 3: MERS Outbreaks data 2012-2019 Kaggle

https://www.kaggle.com/datasets/imdevskp/mers-outbreak-dataset-20122019/data

Middle East respiratory syndrome (MERS) is a viral respiratory illness
Each row contains a report from each region/location for each day
Each column represents the number of cases reported from each country/region

Problem Formulation:
Forecasting MERS in these regions.