ETL Project Proposal

## Unemployment and Covid-19 within the EU

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We propose to create a database with Unemployment within the EU and the coloration of Covid-19 cases for EU countries.

European Union Unemployment data is found on Kaggle, see website below, and shows the monthly unemployment data for various age groups in each European country going back to Jan 1983.  
[https://www.kaggle.com/gpreda/unemployment-in-european-union](https://www.kaggle.com/gpreda/unemployment-in-european-union" \t "_blank)

Starter Kernel: Unemployment in EU Countries:

<https://www.kaggle.com/gpreda/starter-kernel-unemployment-in-eu-countries>

The definitions of the units within the dataset can be found here: <https://fgeerolf.com/data/eurostat/une_rt_a.html>

European Covid-19 data was not found quickly so a worldwide database can be found on the link below. It shows daily increase in infections for each country in the world.  
[https://www.ecdc.europa.eu/en/publications-data/download-todays-data-geographic-distribution-covid-19-cases-worldwide](https://www.ecdc.europa.eu/en/publications-data/download-todays-data-geographic-distribution-covid-19-cases-worldwide" \t "_blank)

We propose to take the data from January 2020 until present for each dataset into PostGres SQL. We will have to extract the European countries from the Worldwide dataset, aggregate for each month to populate into PostGres.