DBMS

Use Google colab for the project

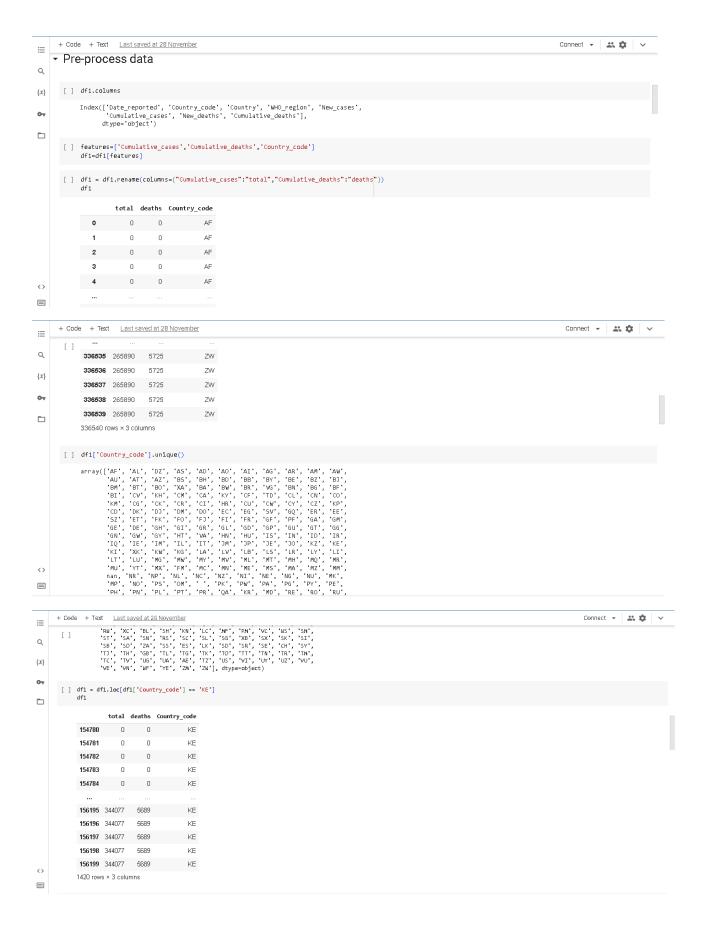
Data collection

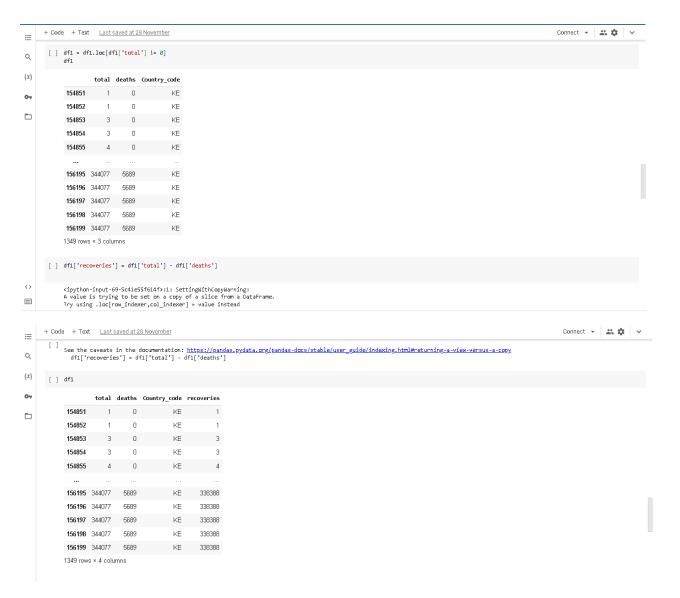
- Create a directory called Diana
- Navigate to the directory using module called os
- We obtain dataset from website using Wget command and then save to covid.csv
- Read data using pandas
- Insert screenshot here



Pre-processing

- Explore the dataset, that is check for the number of columns in the dataset.
- Filter out to the columns to obtain the one needed (feature engineering).
- Rename the columns to shorter names for easy understanding and developing purposes.
- Explore country column (country code).
- Filter out country code to get Kenya dataset only.
- Filter out the null cases in the total cases.
- Add recovery column by subtracting deaths from the total cases.
- Insert screenshot here





Model work

- Import the libraries needed, that is linear regression for Model train-test split (use to divide data between train data and test data).
- Matplotlib use to visualize data.
- Fit data into the model.
- Predict the data using the model, use the train data to test the model.
- Verify the model using train data.
- Plot the chart
- Model score, show how good the model is against the data.
- Insert screenshot here



