**Transform Cases and Deaths data from ECDC website**

The data on Covid-19 cases and deaths for the Europe region has been copied form ECDC (European Centre for Disease Prevention and Control) to Azure DataLake storage raw container.

Data:

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**Requirement to transform the data:**

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1. Firstly, to derive 2 digit and 3-digit code values from another Country LookUp data using LookUp transformation where Join condition on ‘country’.
2. The Columns ‘Continent’ and ‘Rate\_14\_day’ needs to remove from the schema and Column ‘Date’ needs to be renamed to ‘Reported\_Date’ using select transformation.
3. The Column ‘Indicator’ needs to pivoted on its values ‘Cases’ and ‘Deaths’ results in the pivoted columns ‘Count\_Cases’ and ‘Count\_Deaths’ and group by other columns.
4. The rest of the columns are populated as it is.

**LookUp data – Dim Country:**

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**Data flow transformation:**

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**Result Dataset:**

The transformed data are loaded in the Azure DataLake processed folder after successful pipeline on data flow activity.

**Pipeline**

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**Data:**

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