```
+---------------+                                      +-------------------+
|               |                                      |        0          |
|     API       |---COVID-19 Cases, Deaths and Vaccinations----+           |
|   OpenCOVID   |                                      +-------------------+
|               |                                      |  HeartBeat Inc.   |
+---------------+                                      |  Report System    |
                                                       |                   |
+---------------+                                      +-------------------+
|               |                                              ^
|    StatsCan   |---Provinces Population-----------------------+
|               |
+---------------+
```

API
OpenCOVID

COVID-19 Cases, Deaths and Vaccinations

0

HeartBeat Inc.
Report System

StatsCan

Provinces Population

LEVEL 0

API OpenCOVID — COVID-19 Cases, Deaths and Vaccinations →

1 Download Data — Prov Pop and COVID-19 Cases, Deaths and Vaccinations →

StatsCan — Provinces Population →

D1 COVID-19 CSV files

Prov Pop and COVID-19 Cases, Deaths and Vaccinations

2 Transform and Load Data

NEW Data Prov Pop and COVID-19 Cases, Deaths and Vaccinations

Prov Pop and COVID-19 Cases, Deaths and Vaccinations — **D2 COVID-19 DB**

Prov Pop and COVID-19 Cases, Deaths and Vaccinations

LEVEL 1

3 Create MS SSRS COVID-19 Report

MS SSRS Report

D3 MS SSRS Report

4 Create MS Power BI COVID-19 Report

Geospatial Polygons Map Report

D4 Map Report