INFO 7290 (DWBI): HW04a - SSIS

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1. DDL to create table for Our World in Data(OWID) dataset

CREATE TABLE owid\_covid\_data

(

iso\_code VARCHAR(255),

continent VARCHAR(255),

[location] VARCHAR(255),

[date] DATE,

total\_cases INT,

new\_cases INT,

new\_cases\_smoothed FLOAT,

total\_deaths INT,

new\_deaths INT,

new\_deaths\_smoothed FLOAT,

total\_cases\_per\_million FLOAT,

new\_cases\_per\_million FLOAT,

new\_cases\_smoothed\_per\_million FLOAT,

total\_deaths\_per\_million FLOAT,

new\_deaths\_per\_million FLOAT,

new\_deaths\_smoothed\_per\_million FLOAT,

total\_tests INT,

new\_tests INT,

new\_tests\_smoothed FLOAT,

total\_tests\_per\_thousand FLOAT,

new\_tests\_per\_thousand FLOAT,

new\_tests\_smoothed\_per\_thousand FLOAT,

tests\_per\_case FLOAT,

positive\_rate FLOAT,

tests\_units VARCHAR(255),

stringency\_index FLOAT,

[population] BIGINT,

population\_density FLOAT,

median\_age FLOAT,

aged\_65\_older FLOAT,

aged\_70\_older FLOAT,

gdp\_per\_capita FLOAT,

extreme\_poverty FLOAT,

cardiovasc\_death\_rate FLOAT,

diabetes\_prevalence FLOAT,

female\_smokers FLOAT,

male\_smokers FLOAT,

handwashing\_facilities FLOAT,

hospital\_beds\_per\_thousand FLOAT,

life\_expectancy FLOAT,

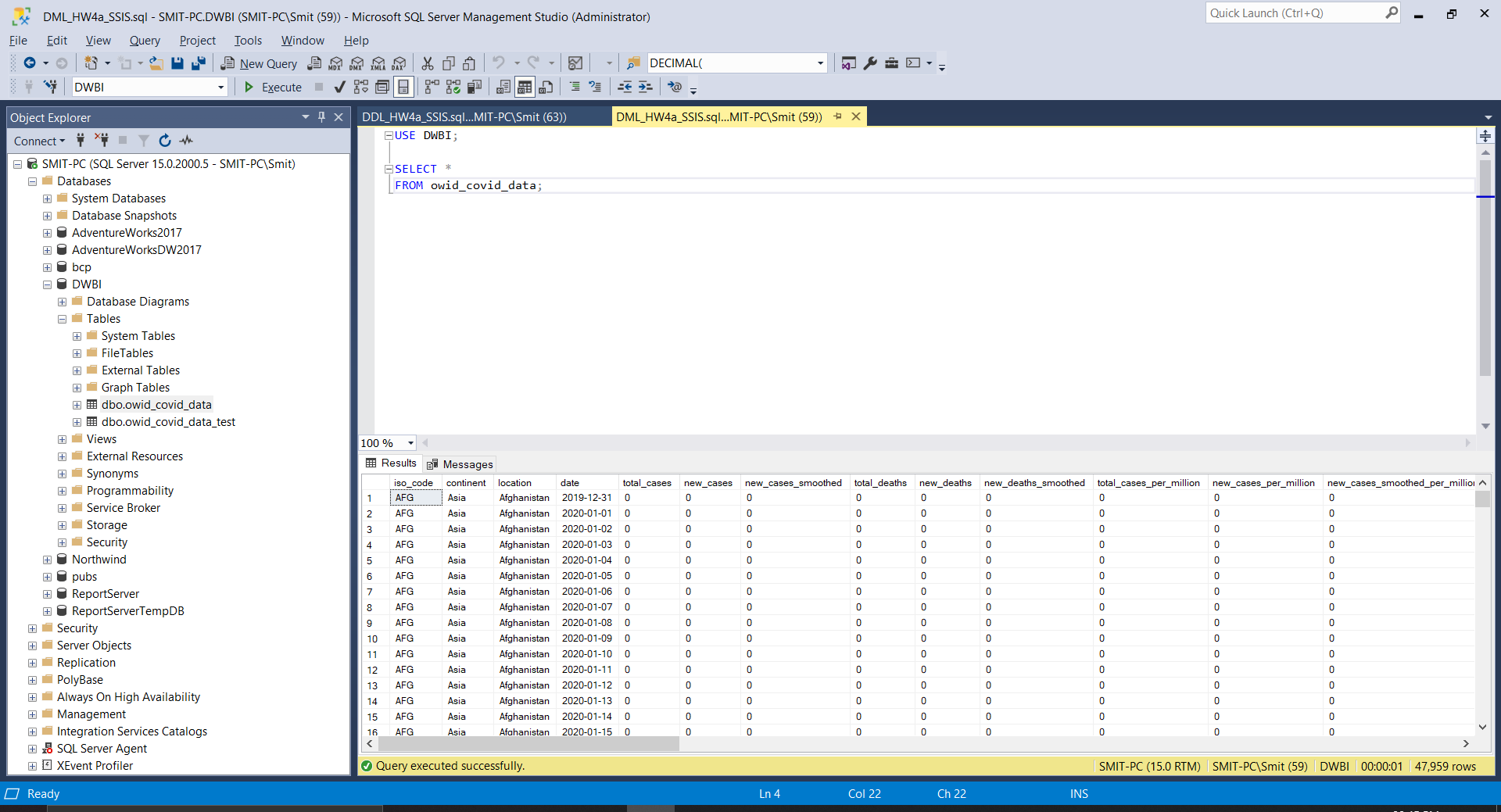
human\_development\_index FLOAT

);

1. DML to verify all the tables are populated in the table

SELECT \* FROM owid\_covid\_data;

1. Screenshot of SSMS displaying the populated table



1. Screenshot of Visual Studio(SSIS) working successfully

A screenshot of a computer screen

Description automatically generated