Covid-19 Reporting System

ICE 2 – Creating an SSIS Package to Automate API Data Import Tasks (5pts)

Please create an SSIS Package to accomplish the following:

1. Download Covid-19 Cases, Deaths, and FullyVaccinated API data from <https://api.covid19tracker.ca>

Note: You should use MS SSIS to download the data via PowerShell using a Process Task

Hint:

C:\Windows\System32\WindowsPowerShell\v1.0\powershell.exe

-ExecutionPolicy Unrestricted -File “C:\\Users\\Student\\Desktop\\NewCovidImport\\PSDownloadCSV\\ImportApi.ps1"

A screenshot of a computer

Description automatically generated

1. Include a “Execute SQL Task” to Delete all content from the Province and Covid Data tables
2. Use a File System Task to delete the downloaded Covid Data file
3. Import Province data from the downloaded CSV to the MS SQL Database
4. Import Covid Data from the downloaded CSV to the MS SQL Database

Hint:

A screenshot of a computer

Description automatically generated

**Submission to Brightspace:**

1. Please submit a screen capture of your Control Flow e.g.

A screenshot of a computer

Description automatically generated

1. Please also submit your Package.dtsx file to BrightSpace.