**Querying appendable files**

The CSV files that are used in the query should not be changed while the query is running. In the long-running query, SQL pool may retry reads, read parts of the files, or even read the file multiple times. Changes of the file content would cause wrong results. Therefore, SQL pool fails the query if detects that modification time of any file is changed during the query execution.

In some scenarios you might want to read the files that are constantly appended. To avoid the query failures due to constantly appended files, you can allow the OPENROWSET function to ignore potentially inconsistent reads using the ROWSET\_OPTIONS setting.

SQLCopy

select top 10 \*

from openrowset(

bulk 'https://pandemicdatalake.blob.core.windows.net/public/curated/covid-19/ecdc\_cases/latest/ecdc\_cases.csv',

format = 'csv',

parser\_version = '2.0',

firstrow = 2,

ROWSET\_OPTIONS = '{"READ\_OPTIONS":["ALLOW\_INCONSISTENT\_READS"]}') as rows

The ALLOW\_INCONSISTENT\_READS read option will disable the file modification time check during the query lifecycle and read whatever is available in the file. In the appendable files, the existing content is not updated, and only new rows are added. Therefore, the probability of wrong results is minimized compared to the updateable files. This option might enable you to read the frequently appended files without handling the errors. Im most of the scenarios, SQL pool will just ignore some rows that are appended to the files during the query execution.