IF NOT EXISTS (SELECT \* FROM sys.objects O JOIN sys.schemas S ON O.schema\_id = S.schema\_id WHERE O.NAME = 'NYCTaxiTripSmall' AND O.TYPE = 'U' AND S.NAME = 'dbo')

CREATE TABLE dbo.NYCTaxiTripSmall

(

[DateID] int,

[MedallionID] int,

[HackneyLicenseID] int,

[PickupTimeID] int,

[DropoffTimeID] int,

[PickupGeographyID] int,

[DropoffGeographyID] int,

[PickupLatitude] float,

[PickupLongitude] float,

[PickupLatLong] nvarchar(4000),

[DropoffLatitude] float,

[DropoffLongitude] float,

[DropoffLatLong] nvarchar(4000),

[PassengerCount] int,

[TripDurationSeconds] int,

[TripDistanceMiles] float,

[PaymentType] nvarchar(4000),

[FareAmount] numeric(19,4),

[SurchargeAmount] numeric(19,4),

[TaxAmount] numeric(19,4),

[TipAmount] numeric(19,4),

[TollsAmount] numeric(19,4),

[TotalAmount] numeric(19,4)

)

WITH

(

DISTRIBUTION = ROUND\_ROBIN,

CLUSTERED COLUMNSTORE INDEX

-- HEAP

)

GO

COPY INTO dbo.NYCTaxiTripSmall

(DateID 1, MedallionID 2, HackneyLicenseID 3, PickupTimeID 4, DropoffTimeID 5,

PickupGeographyID 6, DropoffGeographyID 7, PickupLatitude 8, PickupLongitude 9,

PickupLatLong 10, DropoffLatitude 11, DropoffLongitude 12, DropoffLatLong 13,

PassengerCount 14, TripDurationSeconds 15, TripDistanceMiles 16, PaymentType 17,

FareAmount 18, SurchargeAmount 19, TaxAmount 20, TipAmount 21, TollsAmount 22,

TotalAmount 23)

FROM 'https://contosolake.dfs.core.windows.net/users/NYCTripSmall.parquet'

WITH

(

FILE\_TYPE = 'PARQUET'

,MAXERRORS = 0

,IDENTITY\_INSERT = 'OFF'

)CREATE TABLE FactInternetSales5

(

    ProductKey INT NOT NULL,

    OrderDateKey INT NOT NULL,

    DueDateKey INT NOT NULL,

    ShipDateKey INT NOT NULL,

    CustomerKey INT NOT NULL,

    PromotionKey INT NOT NULL,

    CurrencyKey INT NOT NULL,

    SalesTerritoryKey INT NOT NULL,

    SalesOrderNumber NVARCHAR(20) NOT NULL,

    SalesOrderLineNumber TINYINT NOT NULL,

    RevisionNumber TINYINT NOT NULL,

    OrderQuantity SMALLINT NOT NULL,

    UnitPrice MONEY NOT NULL,

    ExtendedAmount MONEY NOT NULL,

    UnitPriceDiscountPct FLOAT NOT NULL,

    DiscountAmount FLOAT NOT NULL,

    ProductStandardCost MONEY NOT NULL,

    TotalProductCost MONEY NOT NULL,

    SalesAmount MONEY NOT NULL,

    TaxAmt MONEY NOT NULL,

    Freight MONEY NOT NULL,

    CarrierTrackingNumber NVARCHAR(25),

    CustomerPONumber NVARCHAR(25)

)

WITH(

 HEAP,

 DISTRIBUTION =  HASH(ProductKey)

);

COPY INTO  FactInternetSales5

 FROM 'https://datalakestorage1synapse.dfs.core.windows.net/synapse1/FactInternetSales.csv'

 WITH( FILE\_TYPE = 'CSV'

);

SELECT \* FROM FactInternetSales5;