Create Table Saldos

(Codigo Int,

Data Date,

Saldo Float)

Go

Insert Into Saldos

Values (1, '2019/08/30', 800.00),

(1, '2019/09/20', 1200.00),

(2, '2018/08/31', 200.00),

(2, '2019/09/28', 800.00)

Go

Insert Into Saldos

Values (1, '2019/08/30', 800),

(1, '2019/09/20', 1200),

(2, '2019/08/31', 200),

(2, '2019/09/28', 800),

(3, '2019/08/25', 250)

Go

Select \* From Saldos

Go

-- Definindo a Maior Data Por Codigo --

;With CTEMaiorDataPorCodigo (Codigo, MaiorData)

As

(

Select Codigo, Max(Data) As MaiorData From Saldos

Group By Codigo

),

-- Definindo o último Saldo Por Codigo --

CTEUltimoSaldoPorCodigo (Codigo, Data, UltimoSaldo)

As

(

Select S.Codigo, S.Data, LAST\_VALUE(S.Saldo) Over (Partition By S.Codigo Order By S.Data) As UltimoSaldo

From Saldos S Inner Join CTEMaiorDataPorCodigo C

On C.Codigo = S.Codigo

And C.MaiorData = S.Data

Group By S.Codigo, S.Data, S.Saldo

),

-- Definindo a Faixa de Datas --

CTEFaixasDeDatas (Codigo, DataInicial, DataFinal)

As

(

Select Codigo, Min(Data), Max(Data) From Saldos

Group By Codigo

)

-- Trazendo os resultados --

Select C.Codigo,

Case

When (CT.DataInicial < CT.DataFinal) Then CT.DataFinal

Else DateAdd(Month,1,CT.DataInicial)

End As 'Mês de Transporte',

CU.UltimoSaldo

From CTEMaiorDataPorCodigo C Inner Join CTEUltimoSaldoPorCodigo CU

On CU.Codigo = C.Codigo

Inner Join CTEFaixasDeDatas CT

On CT.Codigo = CU.Codigo