--Get info about regression queries

;with Regressions(query\_id, query\_text\_id, plan1\_id, plan2\_id, plan1

,plan2, dur1, dur2, row\_num)

as

(

select

q.query\_id, q.query\_text\_id, qp1.plan\_id, q2.plan\_id

,qp1.query\_plan, q2.query\_plan, rs1.avg\_duration, q2.avg\_duration

,row\_number() over (partition by qp1.plan\_id order by rs1.avg\_duration)

from

sys.query\_store\_query q join sys.query\_store\_plan qp1 on

q.query\_id = qp1.query\_id

join sys.query\_store\_runtime\_stats rs1 on

qp1.plan\_id = rs1.plan\_id

join sys.query\_store\_runtime\_stats\_interval rsi1 on

rs1.runtime\_stats\_interval\_id = rsi1.runtime\_stats\_interval\_id

cross apply

(

select top 1

qp2.query\_plan, qp2.plan\_id, rs2.avg\_duration

from

sys.query\_store\_plan qp2

join sys.query\_store\_runtime\_stats rs2 on

qp2.plan\_id = rs2.plan\_id

join sys.query\_store\_runtime\_stats\_interval rsi2 on

rs2.runtime\_stats\_interval\_id =

rsi2.runtime\_stats\_interval\_id

where

q.query\_id = qp2.query\_id and

qp1.plan\_id <> qp2.plan\_id and

rsi1.start\_time < rsi2.start\_time and

rs1.avg\_duration \* 2 <= rs2.avg\_duration

order by

rs2.avg\_duration desc

) q2

where

rsi1.start\_time >= dateadd(day,-3,getdate())

)

select

r.query\_id, qt.query\_sql\_text, r.plan1\_id, r.plan1, r.plan2\_id, r.plan2

,r.dur1, r.dur2

from

Regressions r join sys.query\_store\_query\_text qt on r.query\_text\_id = qt.query\_text\_id

where

r.row\_num = 1

order by

r.dur2 / r.dur1 desc;