-- Get top 50 queries with most I\O consumption

select top 50

q.query\_id, qt.query\_sql\_text, qp.plan\_id, qp.query\_plan

,sum(rs.count\_executions) as [Execution Cnt]

,convert(int,sum(rs.count\_executions \*

(rs.avg\_logical\_io\_reads + avg\_logical\_io\_writes)) /

sum(rs.count\_executions)) as [Avg IO]

,convert(int,sum(rs.count\_executions \*

(rs.avg\_logical\_io\_reads + avg\_logical\_io\_writes))) as [Total IO]

,convert(int,sum(rs.count\_executions \* rs.avg\_cpu\_time) /sum(rs.count\_executions)) as [Avg CPU]

,convert(int,sum(rs.count\_executions \* rs.avg\_cpu\_time)) as [Total CPU]

,convert(int,sum(rs.count\_executions \* rs.avg\_duration) /

sum(rs.count\_executions)) as [Avg Duration]

,convert(int,sum(rs.count\_executions \* rs.avg\_duration))

as [Total Duration]

,convert(int,sum(rs.count\_executions \* rs.avg\_physical\_io\_reads) /

sum(rs.count\_executions)) as [Avg Physical Reads]

,convert(int,sum(rs.count\_executions \* rs.avg\_physical\_io\_reads))

as [Total Physical Reads]

,convert(int,sum(rs.count\_executions \* rs.avg\_query\_max\_used\_memory) /

sum(rs.count\_executions)) as [Avg Memory Grant Pages]

,convert(int,sum(rs.count\_executions \* rs.avg\_query\_max\_used\_memory))

as [Total Memory Grant Pages]

,convert(int,sum(rs.count\_executions \* rs.avg\_rowcount) /

sum(rs.count\_executions)) as [Avg Rows]

,convert(int,sum(rs.count\_executions \* rs.avg\_rowcount)) as [Total Rows]

,convert(int,sum(rs.count\_executions \* rs.avg\_dop) /

sum(rs.count\_executions)) as [Avg DOP]

,convert(int,sum(rs.count\_executions \* rs.avg\_dop)) as [Total DOP]

from

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

q.query\_id = qp.query\_ id

join sys.query\_store\_query\_text qt on

q.query\_text\_id = qt.query\_text\_id

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

qp.plan\_id = rs.plan\_id

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

rs.runtime\_stats\_interval\_id = rsi.runtime\_stats\_interval\_id

where

rsi.end\_time >= dateadd(day,-1,getdate())

group by

q.query\_id, qt.query\_sql\_text, qp.plan\_id, qp.query\_plan

order by

[Avg IO] desc;