DB\_Query\_history.

1. Create a DBA database and create table with below query and make a plan this will Occurs every day every 10 second(s).

USE [DBA]

GO

/\*\*\*\*\*\* Object: Table [dbo].[tran\_history] Script Date: 9/4/2024 10:42:08 AM \*\*\*\*\*\*/

SET ANSI\_NULLS ON

GO

SET QUOTED\_IDENTIFIER ON

GO

CREATE TABLE [dbo].[tran\_history](

[CURRENTDATE] [datetime] NOT NULL,

[session\_id] [smallint] NOT NULL,

[status] [nvarchar](30) NOT NULL,

[BlockedBy] [smallint] NULL,

[wait\_type] [nvarchar](60) NULL,

[wait\_resource] [nvarchar](256) NOT NULL,

[Wait\_sec] [numeric](17, 6) NULL,

[cpu\_time] [int] NOT NULL,

[logical\_reads] [bigint] NOT NULL,

[reads] [bigint] NOT NULL,

[writes] [bigint] NOT NULL,

[Elaps\_Sec] [numeric](17, 6) NULL,

[statement\_text] [nvarchar](max) NULL,

[command\_text] [nvarchar](776) NULL,

[command] [nvarchar](16) NOT NULL,

[login\_name] [nvarchar](128) NOT NULL,

[host\_name] [nvarchar](128) NULL,

[program\_name] [nvarchar](128) NULL,

[last\_request\_end\_time] [datetime] NULL,

[login\_time] [datetime] NOT NULL,

[open\_transaction\_count] [int] NOT NULL

) ON [PRIMARY] TEXTIMAGE\_ON [PRIMARY]

GO

1. Create a job and past below query is first step.

insert into tran\_history

SELECT getdate()as RUN\_TIME, s.session\_id,

r.status,

r.blocking\_session\_id 'BlockedBy',

r.wait\_type,

wait\_resource,

r.wait\_time / 1000.0 'Wait\_sec',

r.cpu\_time,

r.logical\_reads,

r.reads,

r.writes,

r.total\_elapsed\_time / (1000.0) 'Elaps\_Sec',

Substring(st.TEXT,(r.statement\_start\_offset / 2) + 1,

((CASE r.statement\_end\_offset

WHEN -1

THEN Datalength(st.TEXT)

ELSE r.statement\_end\_offset

END - r.statement\_start\_offset) / 2) + 1) AS statement\_text,

Coalesce(Quotename(Db\_name(st.dbid)) + N'.' + Quotename(Object\_schema\_name(st.objectid,st.dbid)) + N'.' + Quotename(Object\_name(st.objectid,st.dbid)),

'') AS command\_text,

r.command,

s.login\_name,

s.host\_name,

s.program\_name,

s.last\_request\_end\_time,

s.login\_time,

r.open\_transaction\_count

FROM sys.dm\_exec\_sessions AS s

JOIN sys.dm\_exec\_requests AS r

ON r.session\_id = s.session\_id

CROSS APPLY sys.Dm\_exec\_sql\_text(r.sql\_handle) AS st

ORDER BY r.status,

r.blocking\_session\_id,

s.session\_id