```
Create tables with box chart stats (every hour):
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1. step1
truncate table b
2. step2
insert into b select tag name as tag name, left(ts utc, 13) as day, tag value as tag value, ts as ts,
(case isnumeric(tag_value) when 1 then cast(tag_value as float) else null end) as value
from pi data lily where ts utc > '2013-01-01 00:00:00'
step3.
alter table pi data stat2 alter column day varchar(30)
step4.
insert into pi data stat2 SELECT DISTINCT
                      tag name,
                      day,n = Min(value) OVER (PARTITION BY [day], tag_name),
                      Maxx = Max(value) OVER (PARTITION BY [day], tag_name),
      StdDev = STDEV(value) OVER (PARTITION BY [day], tag_name),
      P10 = PERCENTILE CONT(0.10) WITHIN GROUP (ORDER BY value) OVER (PARTITION BY [day],
tag_name),
      P25 = PERCENTILE CONT(0.25) WITHIN GROUP (ORDER BY value) OVER (PARTITION BY [day],
tag_name),
      P50 = PERCENTILE CONT(0.50) WITHIN GROUP (ORDER BY value) OVER (PARTITION BY [day],
tag_name),
      P75 = PERCENTILE CONT(0.75) WITHIN GROUP (ORDER BY value) OVER (PARTITION BY [day],
tag name),
      P90 = PERCENTILE_CONT(0.9) WITHIN GROUP (ORDER BY value) OVER (PARTITION BY [day],
tag_name)
FROM b where value IS NOT NULL
```

Query for lookup likely tags:

```
select * from dbo.pi_data2_partition where (tag_name = 'ABC')
and (ts_utc > '2017-06-01 00:00:00')
```