'Total requests per hour for each tag and request type with duration'

**select** **max**("count") **as** "max\_in\_hour", request\_type, tag, **max**(duration) **as** "max\_duration\_total"

**from** (**select** **count**(\*) **as** "count", **sum**(duration) **as** "duration", **date\_trunc**('hour', **timestamp**), request\_type, tag

**from** logs

**group** **by** **date\_trunc**('hour', **timestamp**), tag, request\_type)

**group** **by** request\_type, tag;

'Total requests per hour for each tag and request type and also with relation of all request for specific path within an hour to all requests within an hour'

**with**

requsts\_statst **as** (

**select** **count**(\*) **as** "count", **sum**(duration) **as** "duration", **date\_trunc**('hour', **timestamp**) **as** "time", request\_type, tag

**from** log\_analisys.logs

**where** source\_file = 'nginxlog'

**group** **by** **date\_trunc**('hour', **timestamp**), tag, request\_type

),

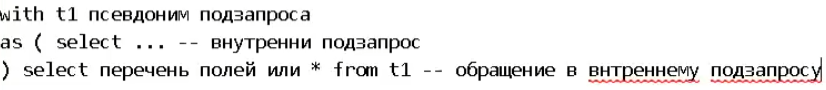
all\_request **as** (

**select** **sum**("count") **as** "all\_count","time" **from** requsts\_statst **group** **by** "time")

**select** r.request\_type,r.tag,r."time",r.**count**,(r.**count**/a.all\_count)\*100 **as** req\_percent **from** requsts\_statst r **join** all\_request a **using** "time";

WITH – Common Table Expression

Позволяет создать таблицу, заранее. Сродне **select \* from (select…)**, но только мы заранее можем создать несколько таблиц

****

Сложный WITH – позволяет создать несколько таблиц с разными условиями, а потом их объединить

