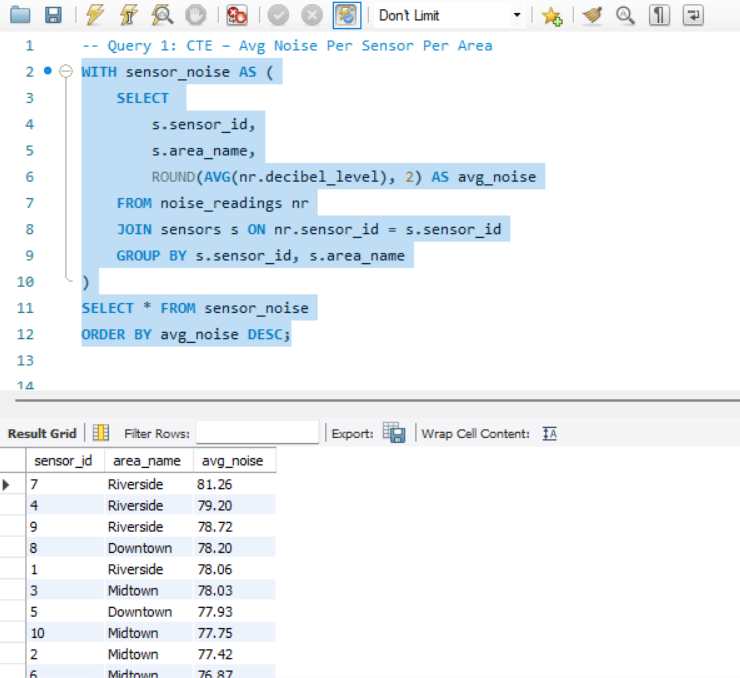
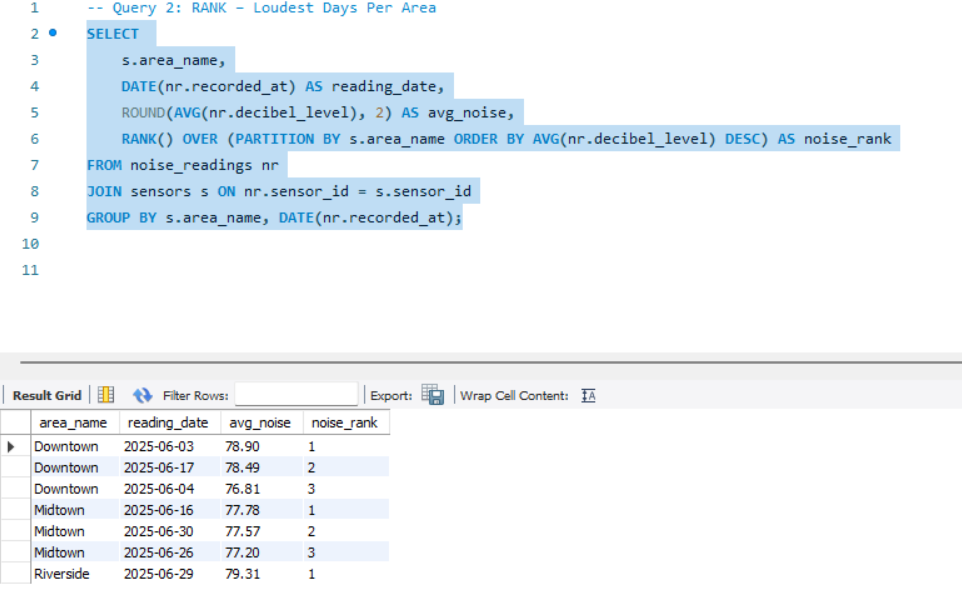
**-- 📊 Advanced SQL: CTEs & Window Functions – Urban Noise Analytics**

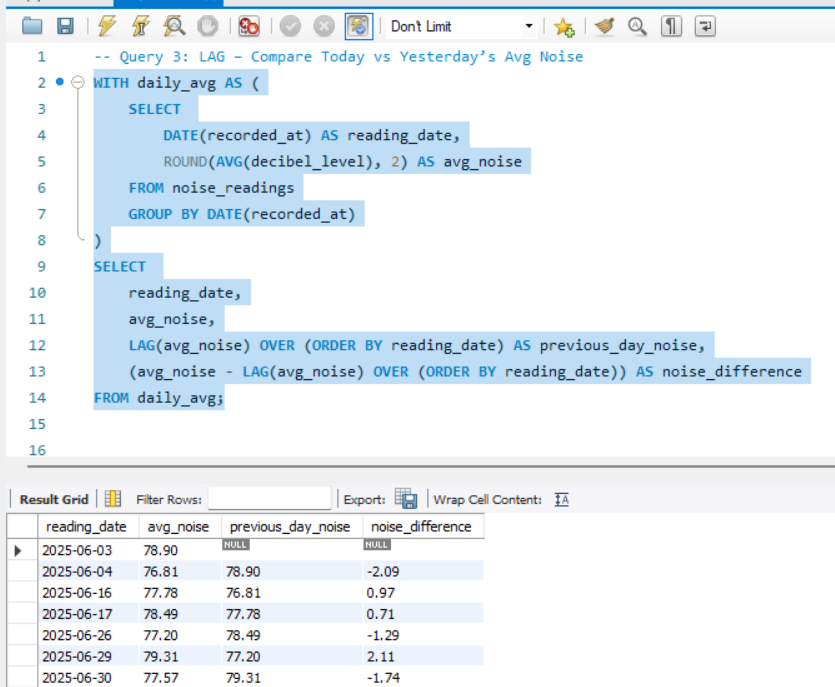
**-- Query 1: CTE – Avg Noise Per Sensor Per Area**

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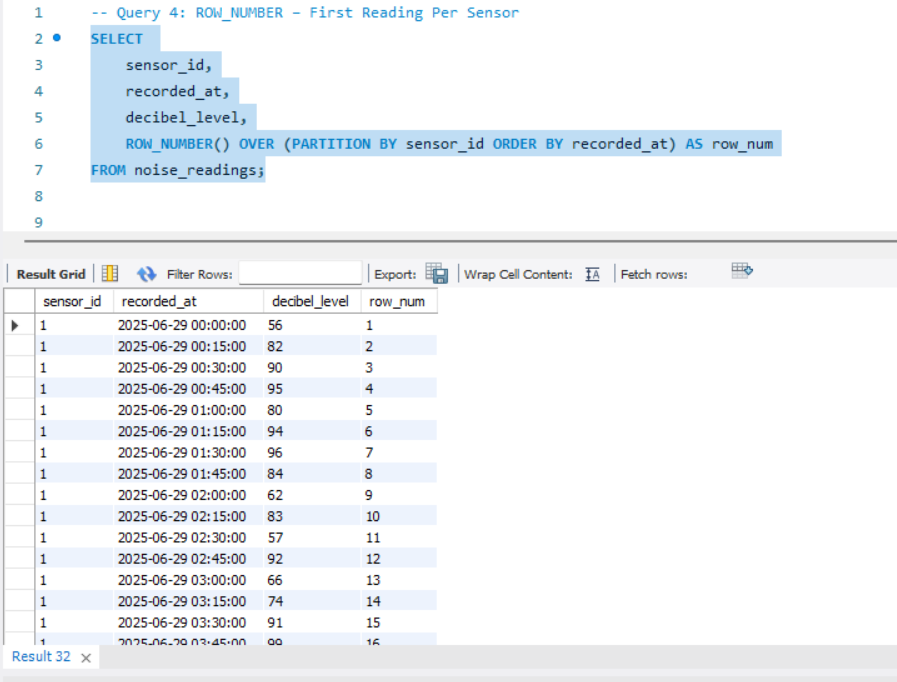
**-- Query 2: RANK – Loudest Days Per Area**

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**-- Query 3: LAG – Compare Today vs Yesterday’s Avg Noise**

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**-- Query 4: ROW\_NUMBER – First Reading Per Sensor**

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