Emitter $\xrightarrow[\text{data}]{\text{stream}}$ Stream Listener $\longrightarrow$ ETL

Update streaming fact table

Working Storage

Summary Storage

After window end

add to historical fact table

compute lattice of cuboids

add to historical lattice

Result from latest lattice

SQL query

mapping

OLAP query

Query processor

Computing 2^N lattice of cuboids after every streaming input takes a long time