

Query selection



☒ SQL QUERY 1

Filter over fact table

☒ SQL QUERY 2

Join fact table with small table

☒ SQL QUERY 3

Join fact table with small table + aggregate

☒ SQL QUERY 4

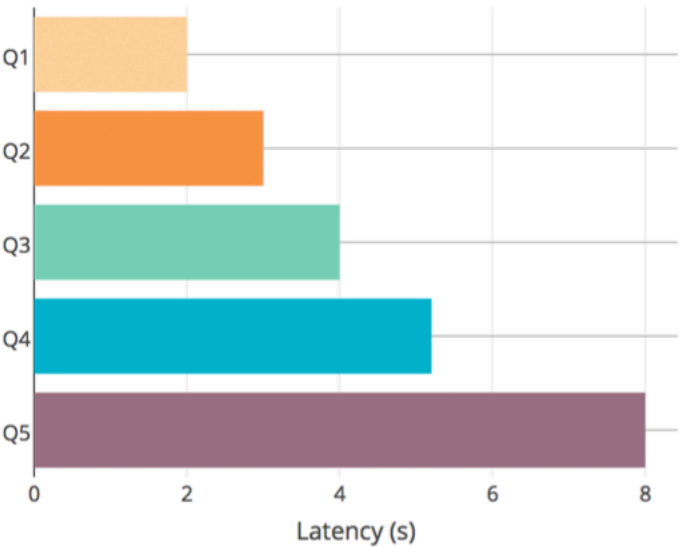
Join fact table with two small table

☒ SQL QUERY 5

Join fact table with four small tables + aggregate

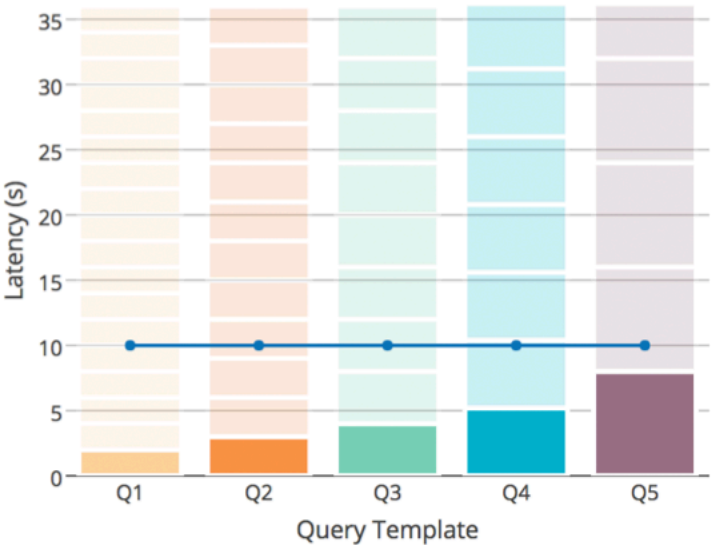
Save

Selected Templates



SLA Selection

SLA on Selected Query Templates



Adjust the SLA deadline using the slider below. Current deadline: **10.00 seconds**. We will add 60 seconds to the deadline to account for VM startup time.



SLA Type

Max

Save

Learning type

- ☐ **Supervised learning:** WiSeDB can generate *decision tree models* tailored to a specific application's workload. This supports *SLA recommendation* and *batch scheduling*.
- ☐ **Reinforcement learning:** WiSeDB can use a tiered network of *contextual multi-armed bandits* for *online processing* of queries that *responds to changes on the fly*.

Save