CS 839: Topics in Database Management Systems
Lecture 21: Auto-Tuning

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Logistics

Please sign up for paper presentations for the remaining lectures by Friday (11/17)

Please do not use ChatGPT to generate your discussion summary!
Discussion Questions

One idea is to use a standalone cloud service to monitor a database to make tuning decisions. What would be the disadvantages of this design compared to integrating the monitor inside the database? Are there ways to overcome these disadvantages?

A large system may have millions of internal and external knobs. What characteristics make a knob suitable for auto-tuning techniques?

Submit by 11:59pm CT on Thursday (11/16). Title starts with “[Discussion L21]”