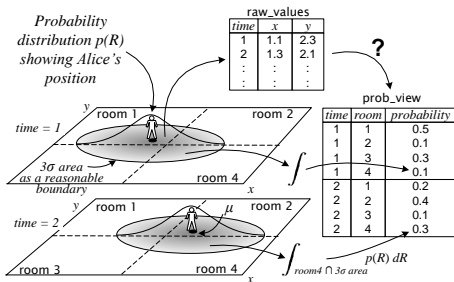


Creating Probabilistic Databases from Imprecise Time-Series Data

Saket Sathe, Hoyoung Jeung, Karl Aberer

Motivating Example



Highlights

- Inferring evolving probability distributions
 - Incorporating volatility models
 - ARMA-GARCH Model
- Quality measure for evolving probability distributions
- Robustification against outliers
- Efficiently creating probabilistic databases
 - Constraint-Aware caching
 - Memory and/or accuracy constraints

System Framework

