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Nota di contenuto	-- PDSP-Bench: A Benchmarking System for Parallel and Distributed Stream Processing. -- A Survey of Stream Processing System Benchmarks. -- CrypQ: A Database Benchmark Based on Dynamic, Ever-Evolving Ethereum Data. -- Panel: Benchmarking Timeseries Databases: Current State and Future Perspectives. -- StarBench: A Fresh Approach On Star Schema Benchmarking. -- Web3Bench: A Web3 Based HTAP Benchmark. -- Invited Talk: Performance Evaluation of TimechoDB using TPCx-IoT. -- Benchmarking Machine Learning Pipelines in PostgreSQL with TPCx-AI. -- Evaluation Considerations of

## Synthetic Natural Language Datasets for Question Answering Applications.

### Sommario/riassunto

This book constitutes the refereed proceedings of the 16th TPC Technology Conference on Performance Evaluation and Benchmarking, TPCTC 2024, held in Guangzhou, China, during August 30, 2024. The 7 full papers included in this book were carefully reviewed and selected from 12 submissions. The proceedings also include one invited talk and one paper based on a panel discussion with industry and academic leaders. The book focusses on providing vendors with a valuable tool to showcase the performance competitiveness of their current offerings while also aiding in the enhancement and tracking of products still in development.