

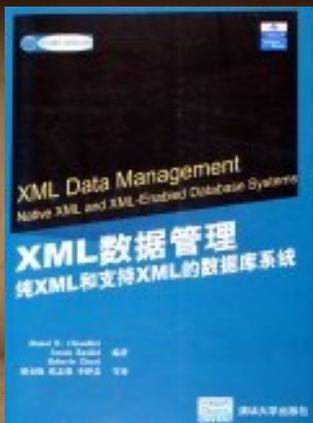
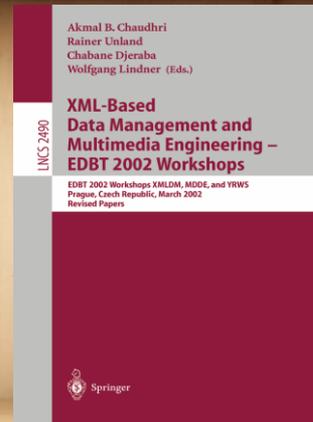
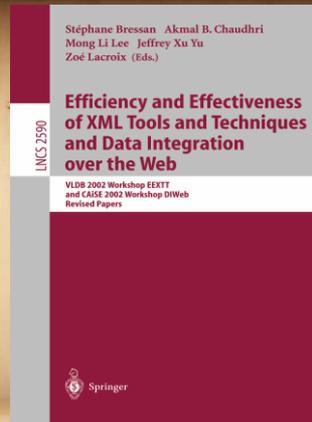
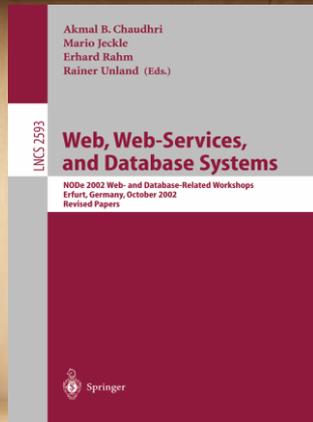
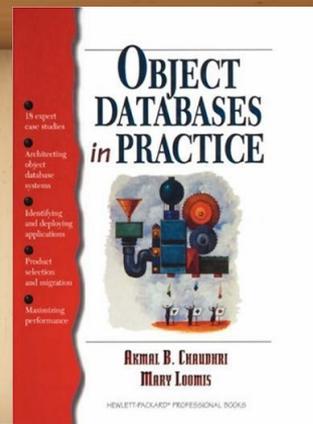
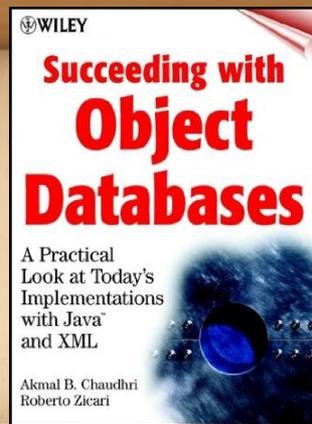
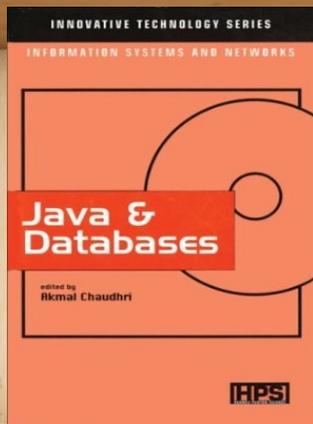
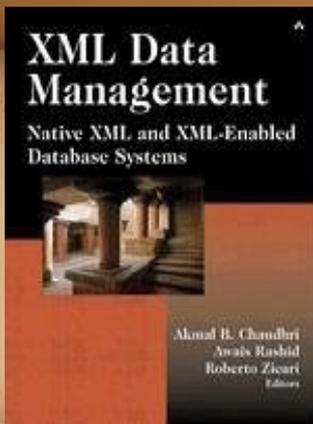


Data visualization and big data analysis tools





- Wide-range of roles
 - Blue Chip companies
 - Big Data startups
- Wide-range of technologies
 - Database systems
 - Programming languages
- Developer relations
- University relations
- 10 books, many presentations





Malaysia



Indonesia

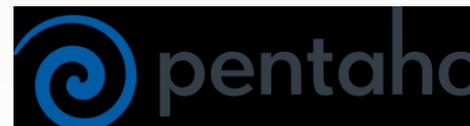




- Huge quantities of data are being generated today
- Only 0.5% of data are analyzed (SOR: MIT Technology Review)
- Enormous potential for data insights and visualization
 - Agriculture, Weather, Traffic, ...
- What solutions are available?



- The Apache Software Foundation
 - Analytics
 - Apache Spark, Apache Kafka, Apache Drill
 - Scale and Performance
 - Apache Ignite
- Community Editions
 - Pentaho





Application APIs



HTAP Platform



Data Collection and Enrichment



Device OS/Real-Time OS



DEMO



Thank You!