Data Warehousing – outline

- Why data warehousing?
- What is data warehouse?
  - MS SQL server
- Core concepts
  - DW architecture
  - Data organization in DW
Data Warehousing - outline

- Design models
  - Three-level model
    - Concept, logical, physical
  - Dimensionality modeling
- Design methodology
  - Nine steps
- OLAP
  - Definition and application
  - Category of OLAP
Data Warehousing - outline

- OLAP (con’t)
  - OLAP extension to SQL
  - Data mining
- Implementation
  - Projects