

Module 2 Introduction to Databases and DBMSs

Lesson 2: Organizational Roles



Lesson Objectives

- Discuss organizational roles in functional areas and information technology departments
- Think about your career interest especially your potential roles in information technology departments



Water Utility Database

Billing

Meter

Reading

Entities:

customers, meters, bills, payments, meter readings

Relationships:

bills sent to customers, customers make payments, customers use meters, ...

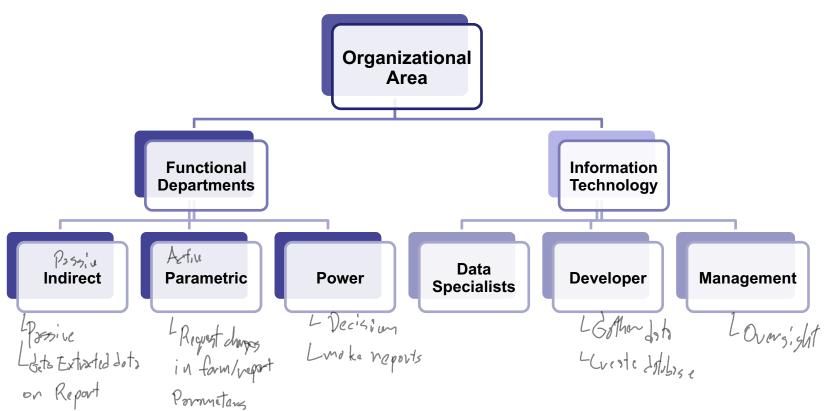
Payment Processing

Service Start/
Stop





Organizational Roles







Database Specialists

- Database administrator (DBA)
 - More technical
 - DBMS specific skills
- Data administrator
 - Less technical
 - Planning role

L for databases





Summary

- Databases and database technology vital to modern organizations
- Database technology supports daily operations and decision making
- Active working with database technology as developer, data specialist, or power user
- Many opportunities to work with databases

