

Module 1

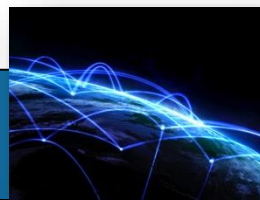
Overview of Relational Database Support

Lesson 4: Relational Database Schema Patterns

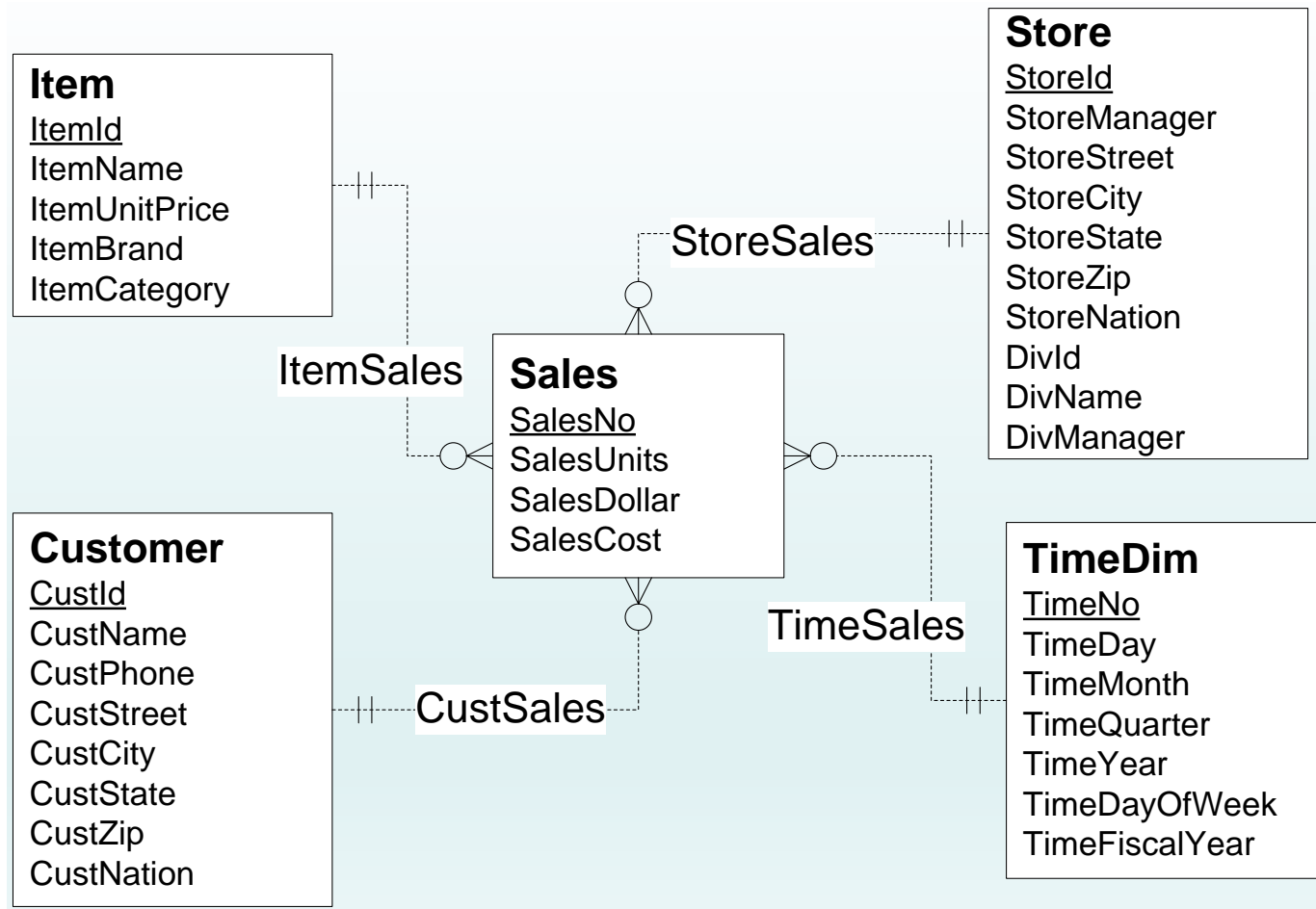


Lesson Objectives

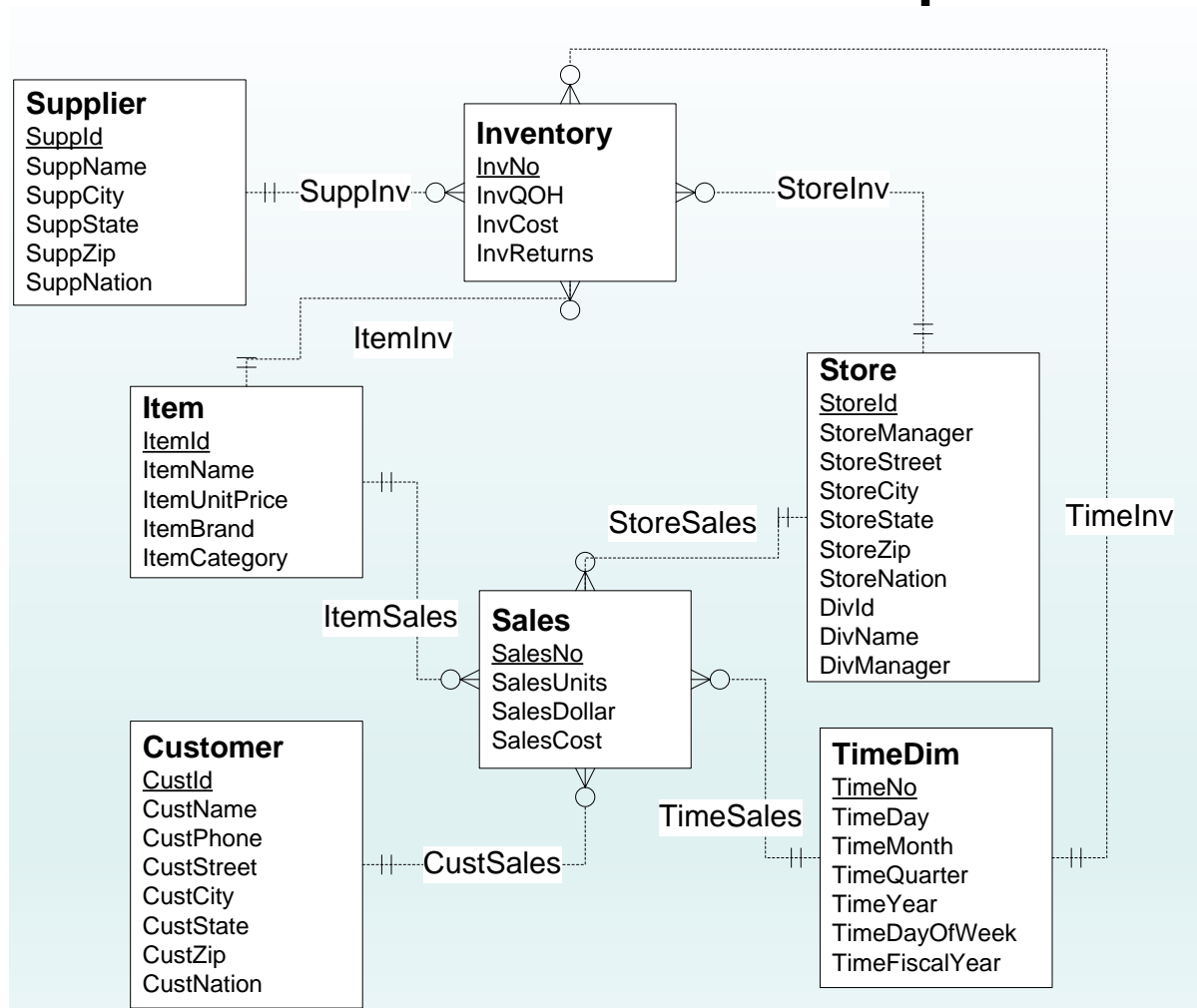
- Review schema patterns
- Understand data warehouse used in ungraded exercises
- Understand data warehouse used in graded assignments



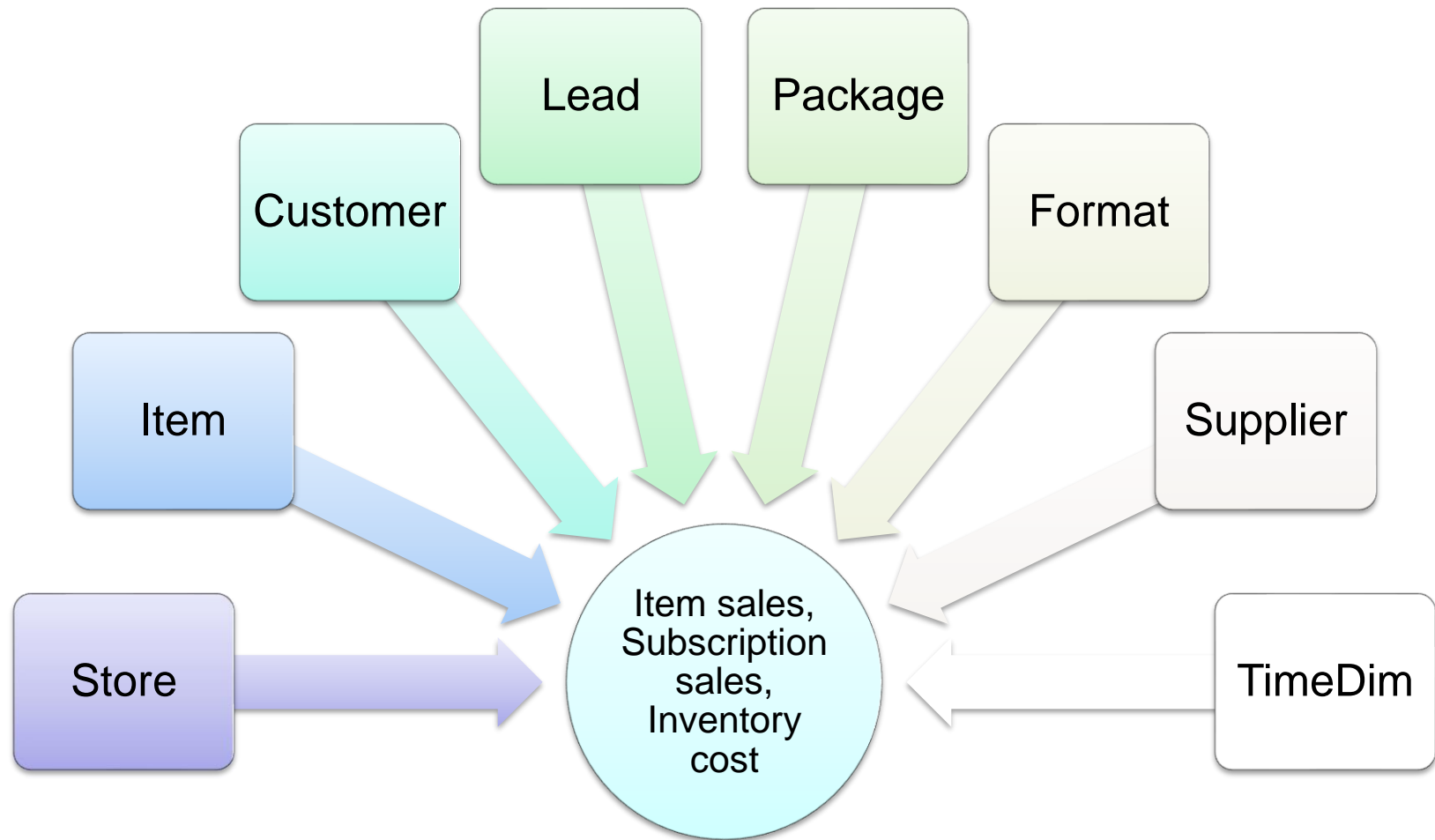
Star Schema Example



Constellation Schema Example



Extended Constellation Schema

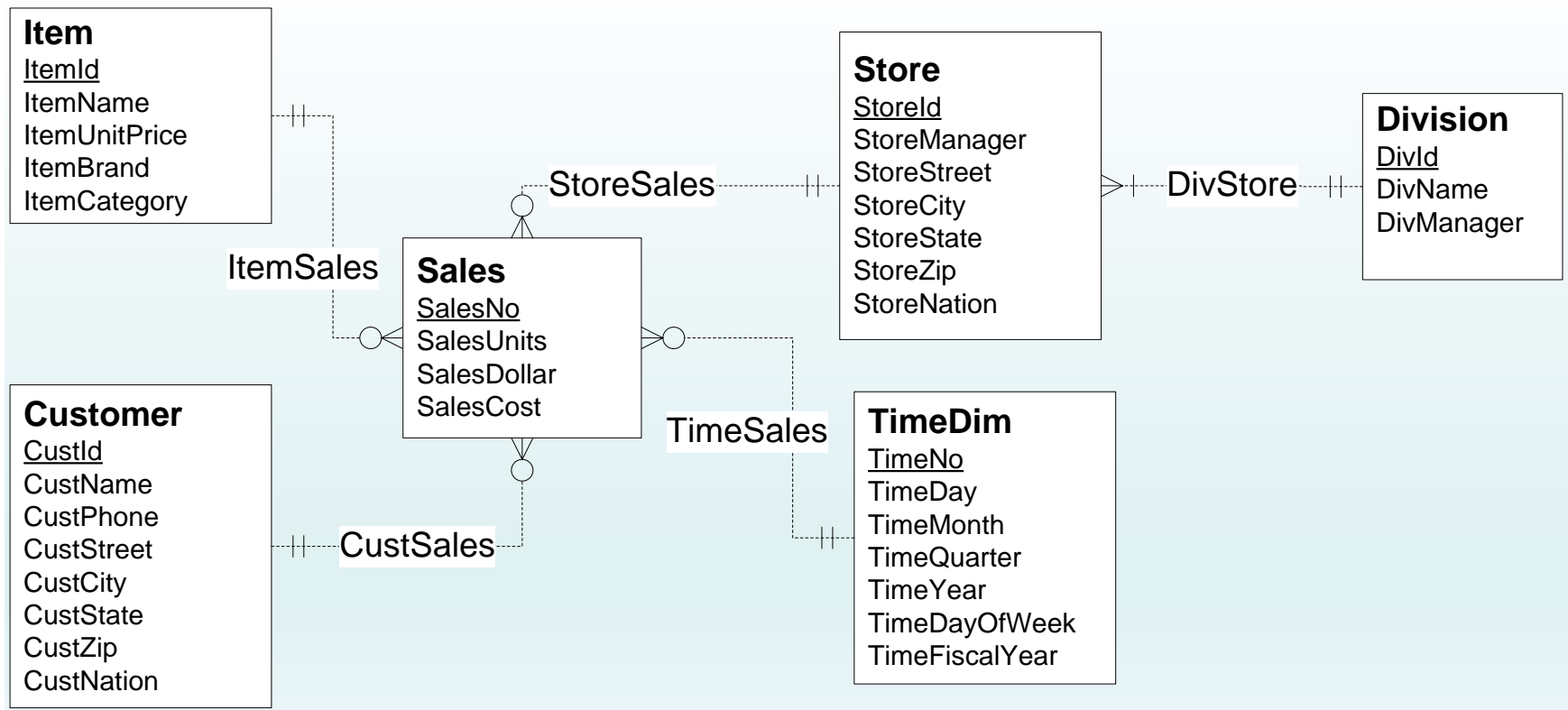


Matrix for a Constellation Schema

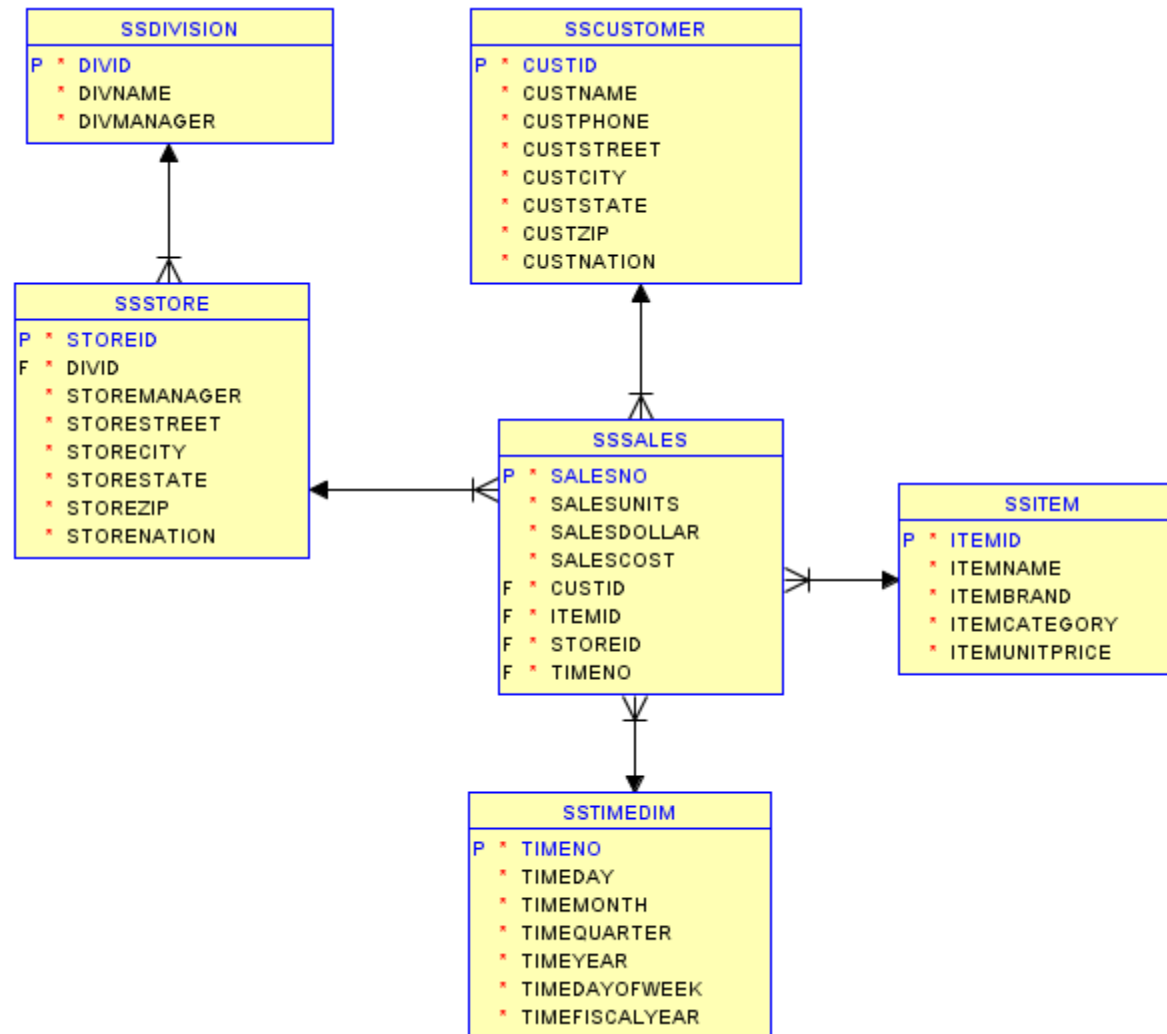
Dimensions	Facts		
	<i>Product Sales</i>	<i>Subscription Sales</i>	<i>Inventory</i>
<i>Store</i>	X		
<i>Item</i>	X	X	X
<i>Customer</i>	X	X	
<i>Lead</i>		X	
<i>Package</i>		X	
<i>Format</i>		X	
<i>Supplier</i>			X
<i>TimeDim</i>	X	X	X



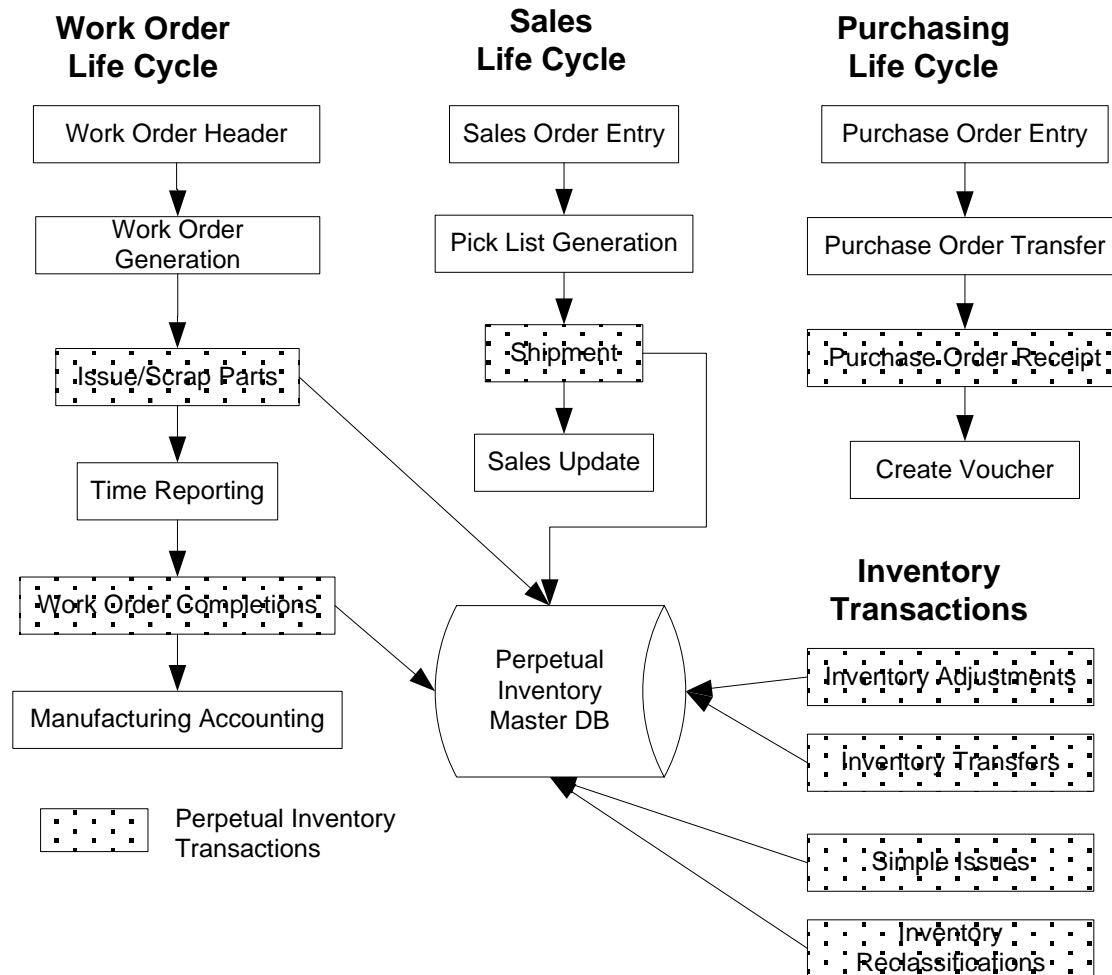
Snowflake Schema Example



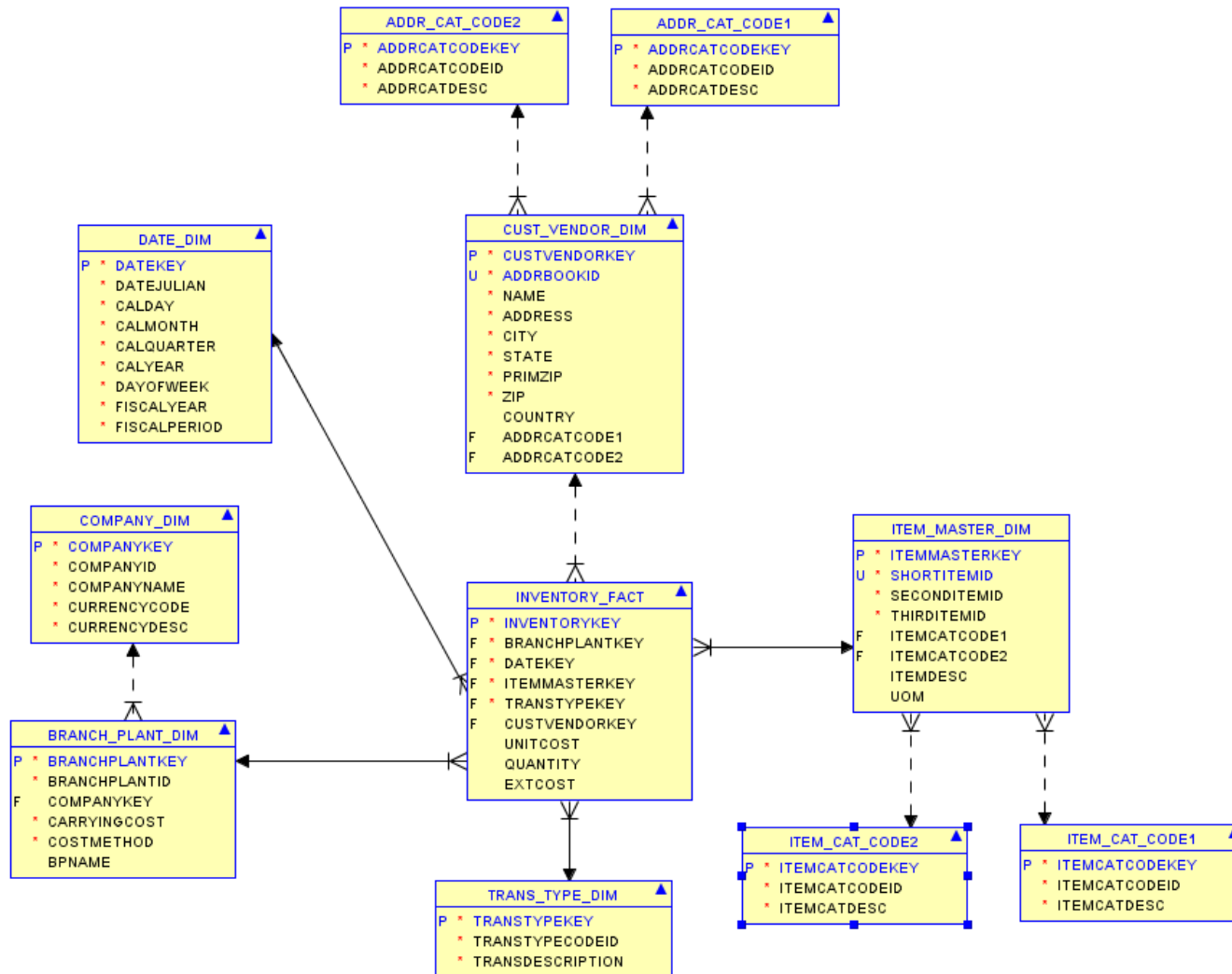
Oracle Diagram for the Store Sales DW



Inventory Lifecycles



Oracle Diagram for the Inventory DW



Summary

- Understand schema patterns for query formulation
- Store sales data warehouse for practice problems
- Inventory data warehouse for graded problems
- Course documents for both data warehouses

