

Module 1

Data Warehouse Concepts and Architectures

Lesson 6: Data Warehouse Examples

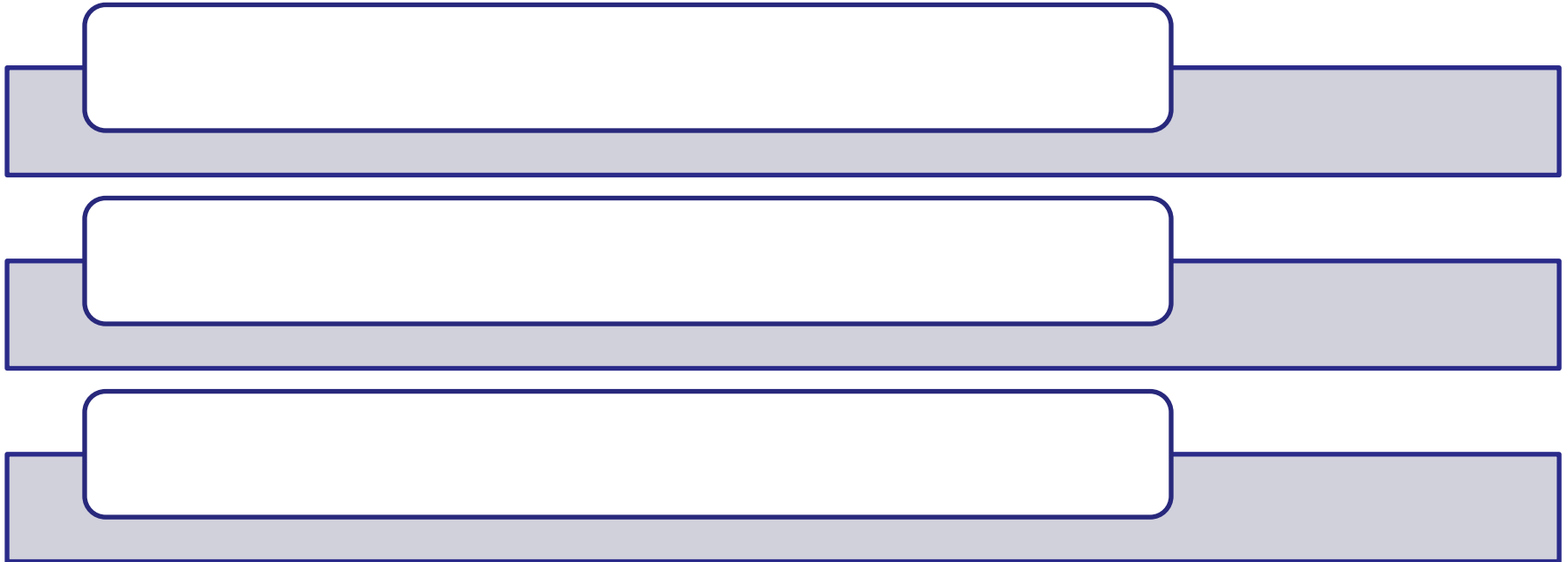


Lesson Objectives

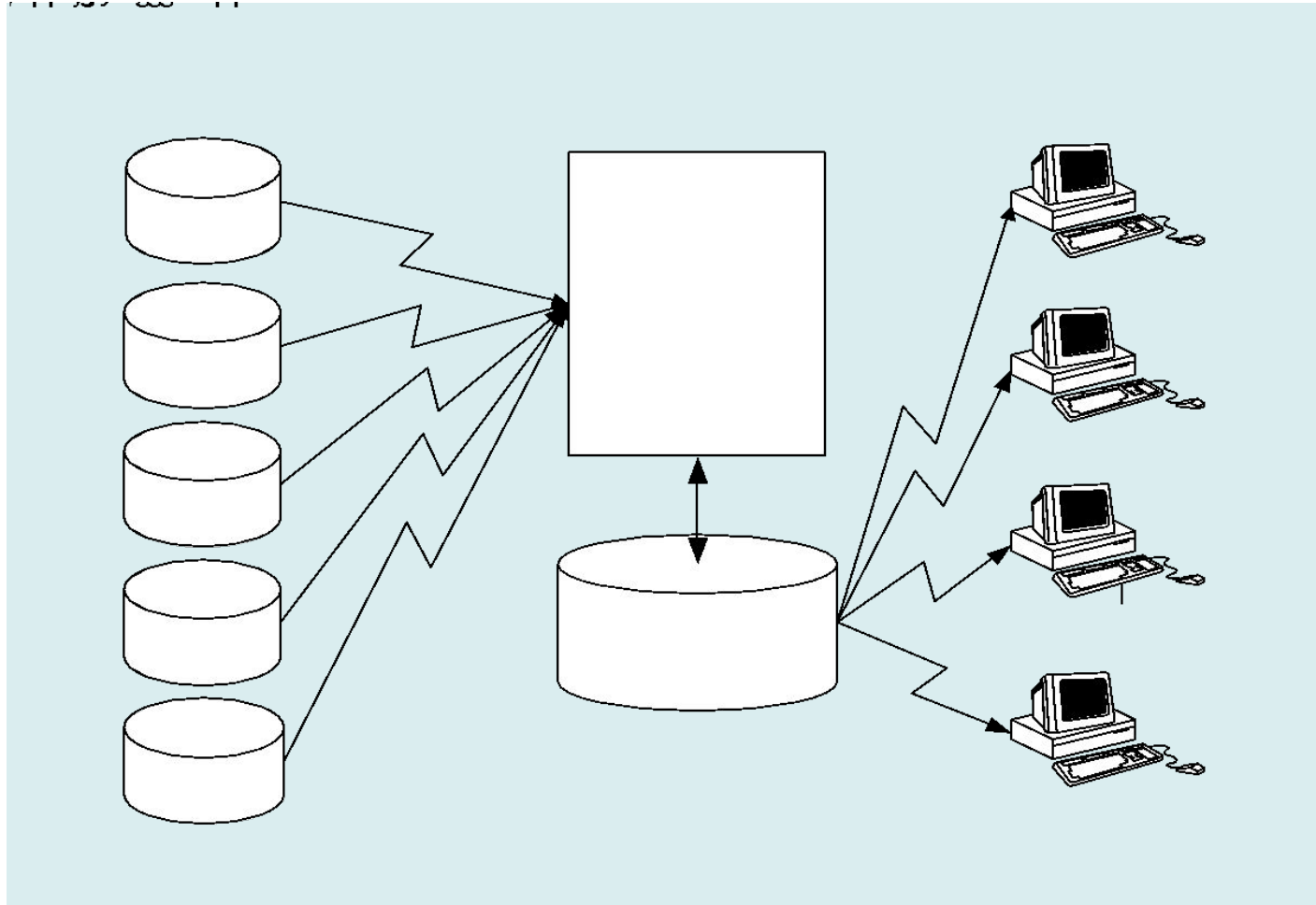
- Discuss data warehouse requirements in large retail firms
- Discuss data warehouse requirements in K-12 education
- Reflect on maturity of data warehouse development in retail and education



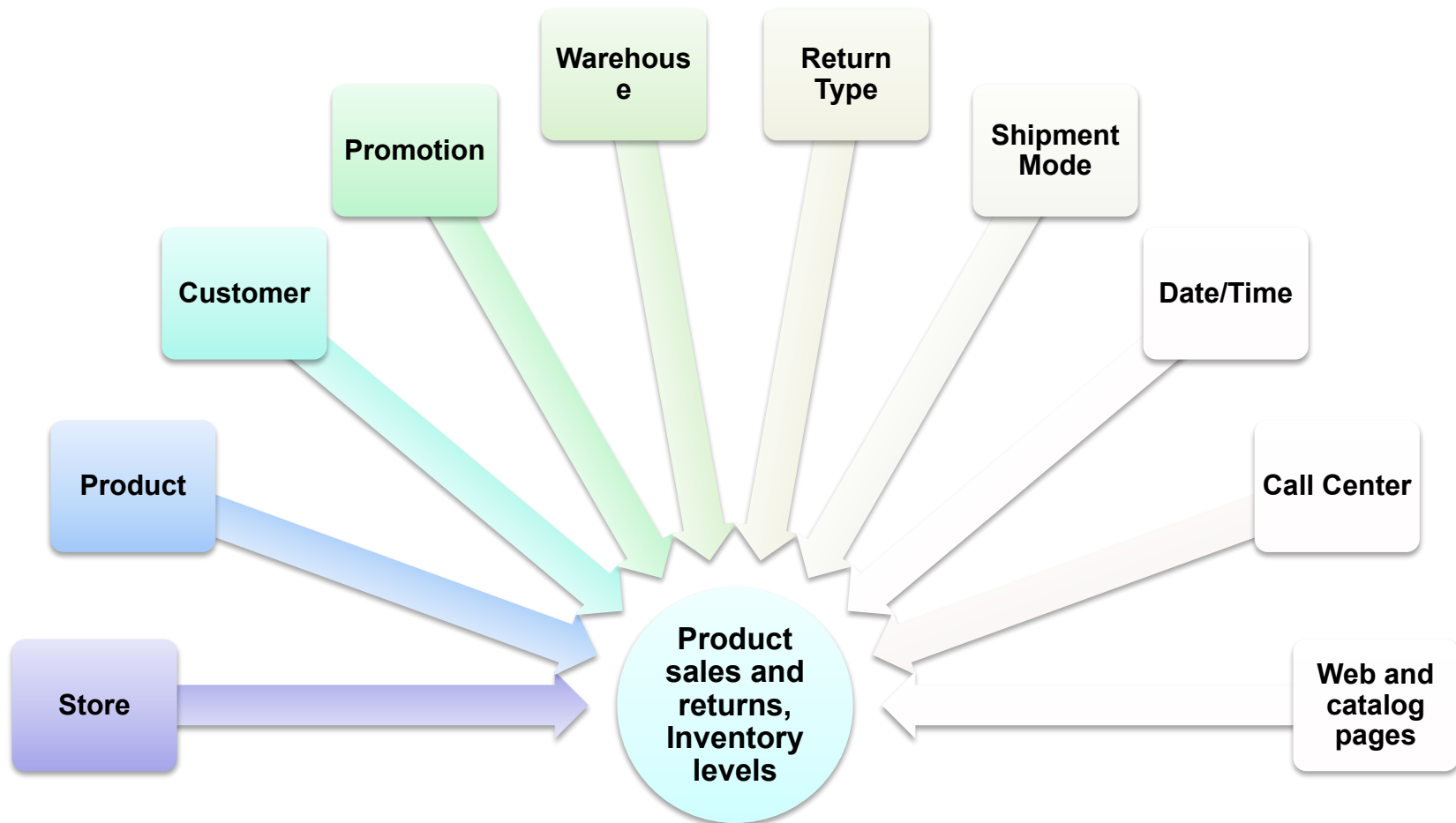
Data Warehouses in Retail



TPC-DS Data Warehouse



Retail Entities and Facts

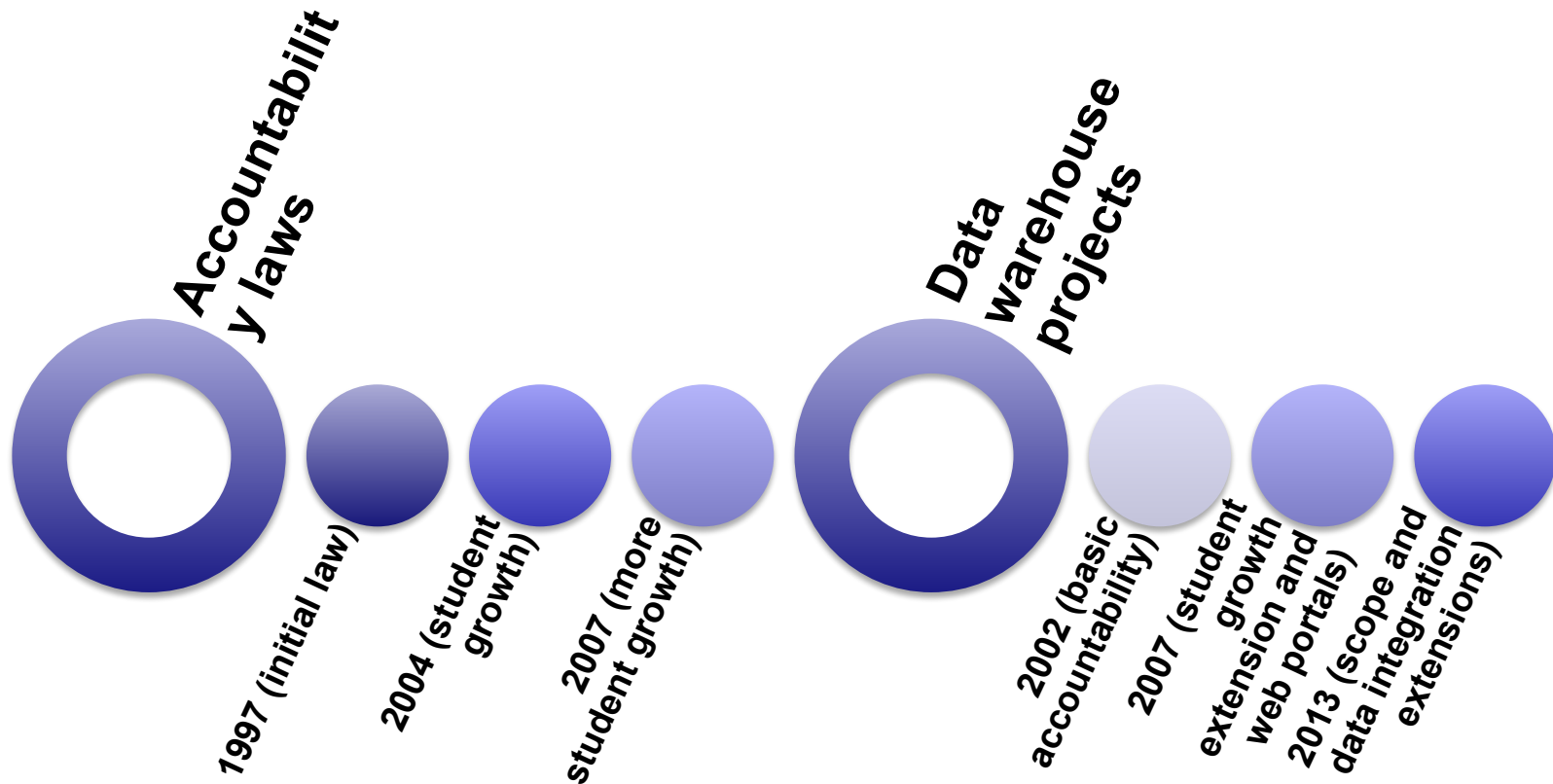


Data Warehouses in USA Education

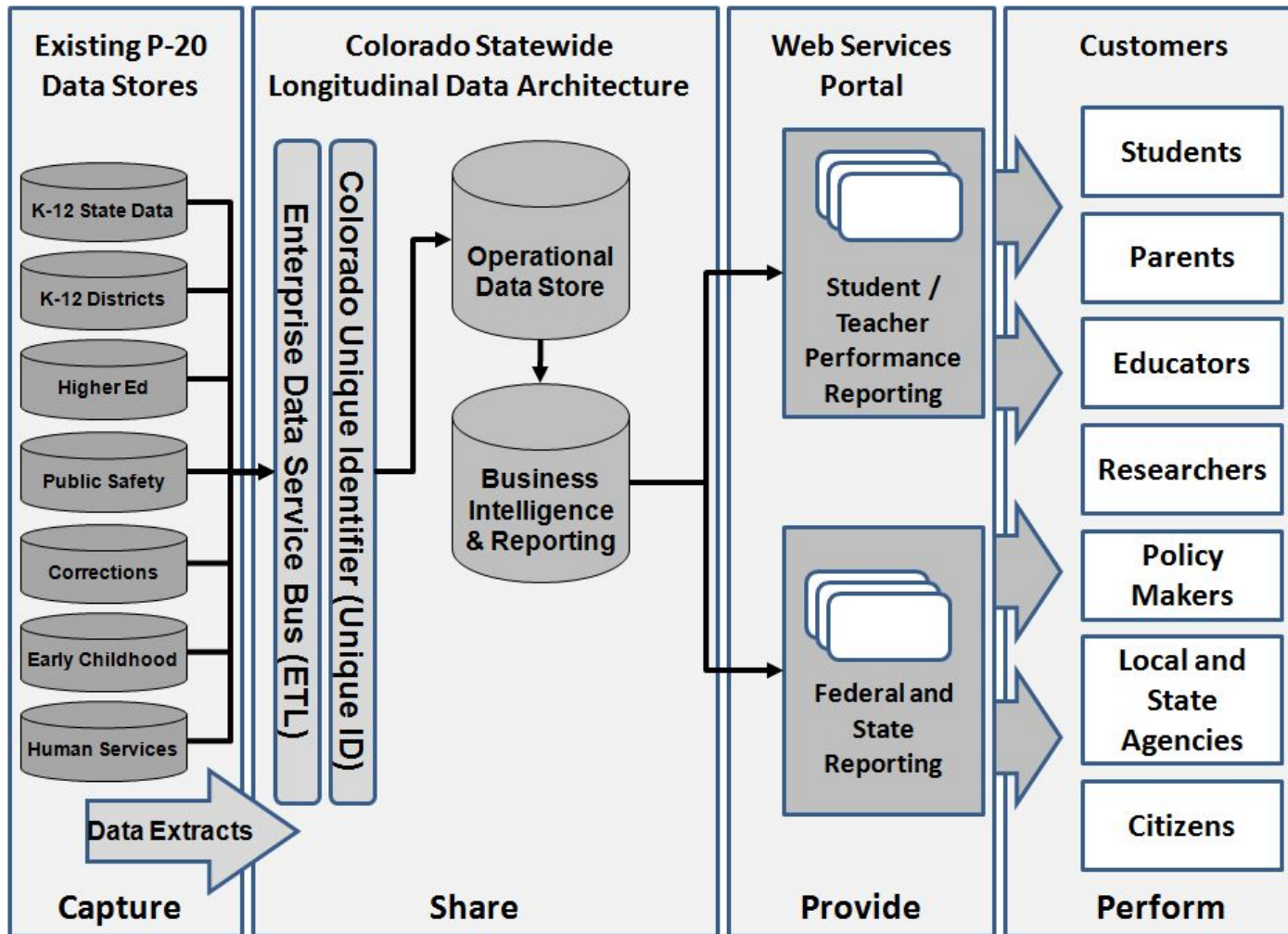
Four horizontal bars, each consisting of a light purple rectangular base and a white rounded rectangular box on top, arranged vertically. These are likely placeholders for content or data.



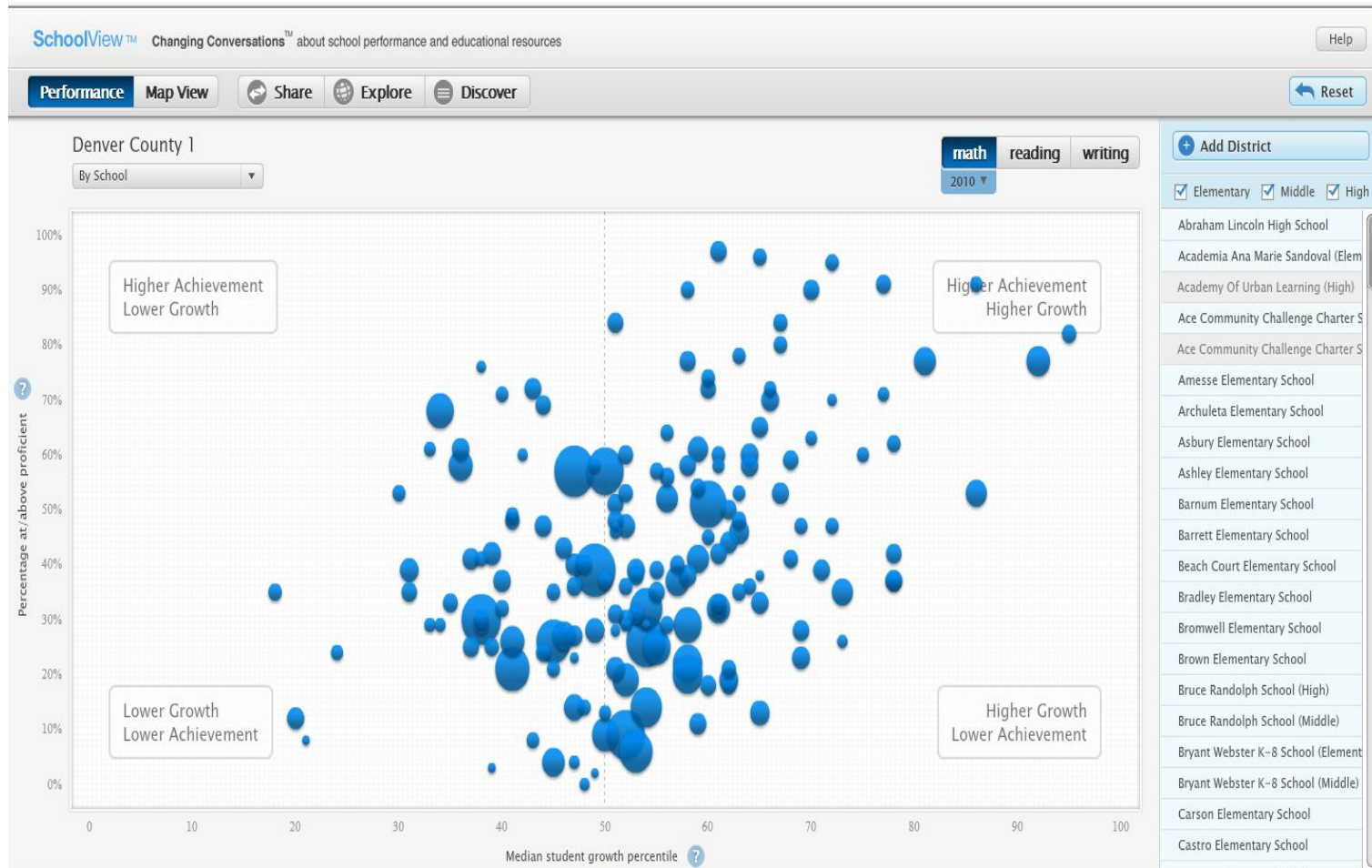
Accountability Laws in Colorado



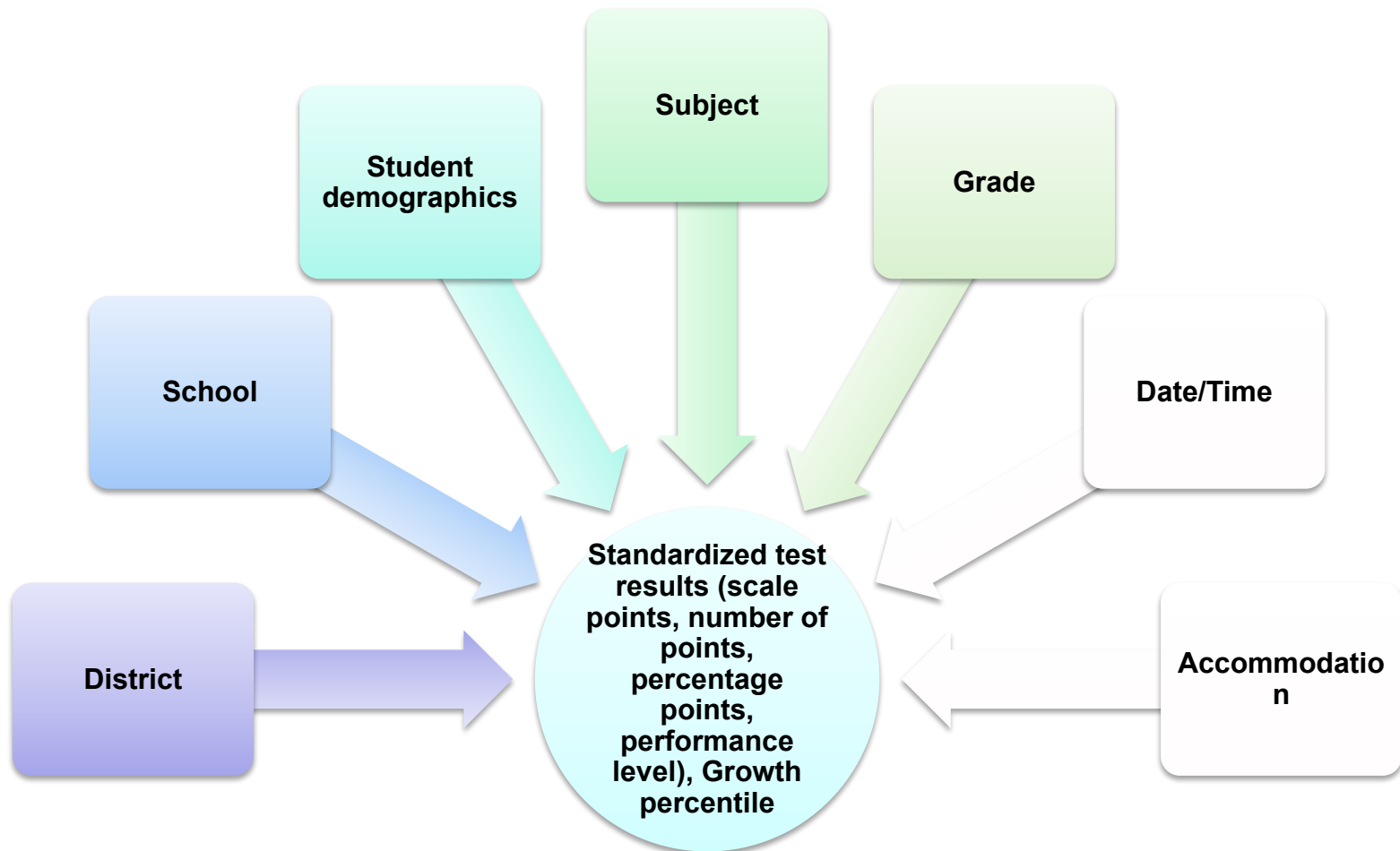
Federated Architecture



SchoolView Portal



School Entities and Facts



Summary

- Prominent examples of data warehouses in retail and education
- Retail dominated by large firms with distributed stores and multiple sales channels
- Education dominated by highly decentralized school districts and standards imposed by higher levels of government
- High level of maturity in both areas

