Tutorial 1
Multidimensional Database
Basic Concepts

Discuss the following questions:

1. Why is the purpose of **operational database** and **data warehouse** different?

2. Is the **query** "retrieve the units that Adam Smith are taking this semester?" more common to the operational database or to the data warehouse? Give an example of a query that would be more common to the data warehouse?

3. What does **OLAP** retrieve? Where does OLAP retrieve the data from? What is the relationship between **OLAP** and **BI**?

4. A city council is collecting data about parking ticket infringements. In this scenario, what are the possible **fact measures** and **dimensions**?