Essay1- Data vs. Information

Collegiate and professional sports provide a perfect example of the difference between data and information. Professional sports teams scout college prospects based on the statistics they accumulate throughout the season. Without the database at a place like ESPN, scouts could not leverage these stats. This would make it impossible for these managers to acquire the talent they are looking for. Another example of this would be the NFL draft. Through analysis of all factors such as player height and weight as well as how many touchdowns or yards they had, they are able to turn this data into information. This is the only way to compare players that play different positions, and decide which one could potentially make the largest impact on a team.

Essay2- Data Models

The hierarchical model lays

BrieWly describe the hierarchical and network pre- relational data models. Explain their shortcomings in relation to the relational model. Considering this, what do you think of XML as a model for data storage?