The Database Environment and Development Process

Define each of the following key terms:

    a. *Data*.

    b. *Information*.

    c. *Metadata*.

    d. *Database application*.

    e. *Data warehouse*.

    f. *Constraint*

    g. *Database*.

    h. *Entity*

    i. *Database management system*.

    j. *Client/server architecture*.

    k. *Systems development life cycle (SDLC)*.

    l. *Agile software development*.

    m. *Enterprise data model*.

    n. *Conceptual data model (or schema)*.

    o. *Logical data model (or schema)*.

    p. *Physical data model (or schema)*.

2.   *Contrast the following terms*:
    a.   *Data dependence; data independence*.

    b.   *Structured data*; *unstructured data*.

    c.   *Data; information*.

    d.   *Repository; database*.

    e.   *Entity; enterprise data model*.

    f.   *Data warehouse; ERP system*.

    g.   *Two-tier databases; multi-tier databases*.

        h.   *Systems development life cycle; prototyping.*

        i.   *Enterprise data model; conceptual data model.*

        j.   *Prototyping; Agile software development.*

List Five disadvantages of file processing systems:

List Nine major components in a typical database system environment:

List 10 Potential benefits of the database approach:

List and Describe the Five SDLC phases:

What are the Differences between conceptual schema, user view, and internal schema: