Unit 10 - Week 8

Assignment 8

The end goal is to develop the assignment aim and work hard to achieve it.

Spatial data storage (60%):

a) Describe the methods of spatial data storage
b) Explain the data organization and retrieval methods
c) Discuss the issues associated with spatial data storage

Spatial data access (40%):

a) Explain the methods of spatial data access
b) Discuss the issues associated with spatial data access

No. Required in: 10
Written Answers: 5

Which action you want to use with respect to spatial data:

a) Access and retrieve
b) Update and modify
c) Compare and analyze

No. Required in: 10
Written Answers: 5

Which action you want to use with respect to raster data:

a) Access and retrieve
b) Update and modify
c) Compare and analyze

No. Required in: 10
Written Answers: 5

What are the major challenges in spatial data access (60%):

a) Relevance of data to the application
b) Data quality and reliability
c) Data integration and interoperability

No. Required in: 10
Written Answers: 5

Missing values in a raster data can be handled using the following techniques:

a) Ignore missing data
b) Assign a default value
c) Interpolate

No. Required in: 10
Written Answers: 5

Spatial indexed data access involves

a) Indexing techniques
b) Spatial data structures
c) Query processing algorithms

No. Required in: 10
Written Answers: 5

Which of the following examples are well suited for spatial or spatially oriented data analysis?

a) Wind speed analysis
b) Flood risk analysis
c) Crime pattern analysis

No. Required in: 10
Written Answers: 5

Spatial Client will include:

a) Spatial data retrieval
b) Spatial data analysis
c) Spatial data visualization

No. Required in: 10
Written Answers: 5