

Section: Data Providers

Answers to section modules.

Module Name **Virtual Layers**

Question: A virtual layer is

Answer: *A layer that is dynamically generated from one or more other layers.*

Question: 2. What do you think this virtual layer will do when based on our trees example

Answer: *Creates a virtual layer where the geometry is based on the ratio of height to canopy*

Module Name **Databases (advanced)**

Question: A database is

Answer: *A type of data store that is used to store geographic data and non geographic*

Question: In which instance would you prefer a spatial database

Answer: *Generally, whenever I get hold of a data source I should load it into a spatial database.*

Question: Why is it important to generate a spatial index for each layer loaded in the database ?.

Answer: *To speed up rendering and fast retrieval of data when running SQL queries.*
