**Cogent Reasoning is not the Same as Being Right**

Example 1:

David Gibbs believes the world is flat.   
Everything David Gibbs believes must be true.   
∴ The world must be flat.

Example 2:

All forty-six presidents of the US up until now have been males.   
Past events are usually good predictors of the future.   
∴ Therefore the next president will probably be a male.