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## Predict with certainty



Now that I have written my article "[Comparing anatomies](#)" wherein I compared the anatomy of 'information' to that of the human body, I decided to write this article. After years of diagnosing the thinking behind the words 'certainty' and 'predict' I have finally managed to resolve a few uncertainties.

### **Certainty**

By definition this means "To establish the existence beyond doubt or question".

Up to now there have only ever been 2 certainties: 'Death'; and 'Taxes'. I can now add the third one, namely 'Information'.

### **Predictability**

By definition this means "Capable of being foretold".

We can predict that everyone or everything that is 'born' will 'live' and then 'die'. How long the entity will live is the great unknown.

We can all predict how much tax we will pay. Unfortunately the very rich have expensive accountants who find loopholes in the tax laws which assist the very wealth to minimise their taxes.

So what about predicting what 'information' is and where 'death' and 'taxes' fit?

### **Predicting with certainty**

Russian chemistry professor Dmitri Mendeleev was able to create his periodic table of chemical compounds (1869) and even though he was only able to identify every element and even though he was not the first chemist to do so, he was the first to be recognized as using the trends in his periodic table to predict the properties of those missing elements, such as gallium and germanium.

So too am I now able to predict that 'information' is capable of having the following properties: 1) An anatomy; and 2) A mathematical formula

Using these two predictions I can now make the following additional predictions:

1) The existence of knowledge enables me to predict the existence of:

1.1) 3<sup>rd</sup>, 4<sup>th</sup>, 5<sup>th</sup> and 6<sup>th</sup> 'normal' forms

1.1.1) The 3<sup>rd</sup> normal enables me to predict the 4<sup>th</sup> normal form, namely the mutually inclusive or functional entity

1.1.2) The existence of 5<sup>th</sup> normal form (the group entity) enables me to predict the likelihood of the 6<sup>th</sup> normal form, namely the 'relationship class'

2) That strategies are wholly dependant on the 5 most significant principal fundamental knowledge classes - aka entities

3) That tactics are wholly dependant on the intersecting fundamental entities as well as the secondary (subordinate) entities

4) Data is not synonymous with either 'information' or 'knowledge' but is a subset of 'information' and wholly 'dependant' on 'knowledge'

These I now hold to be axiomatic and therefore true and I can now use these predictions to disprove the approaches of any technique that attempts to put data on the same level as concepts.

Regards

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