A thick black L-shaped frame surrounds the text. The top-left corner is a horizontal bar extending to the right, then a vertical bar extending downwards. The bottom-right corner is a horizontal bar extending to the left, then a vertical bar extending upwards.

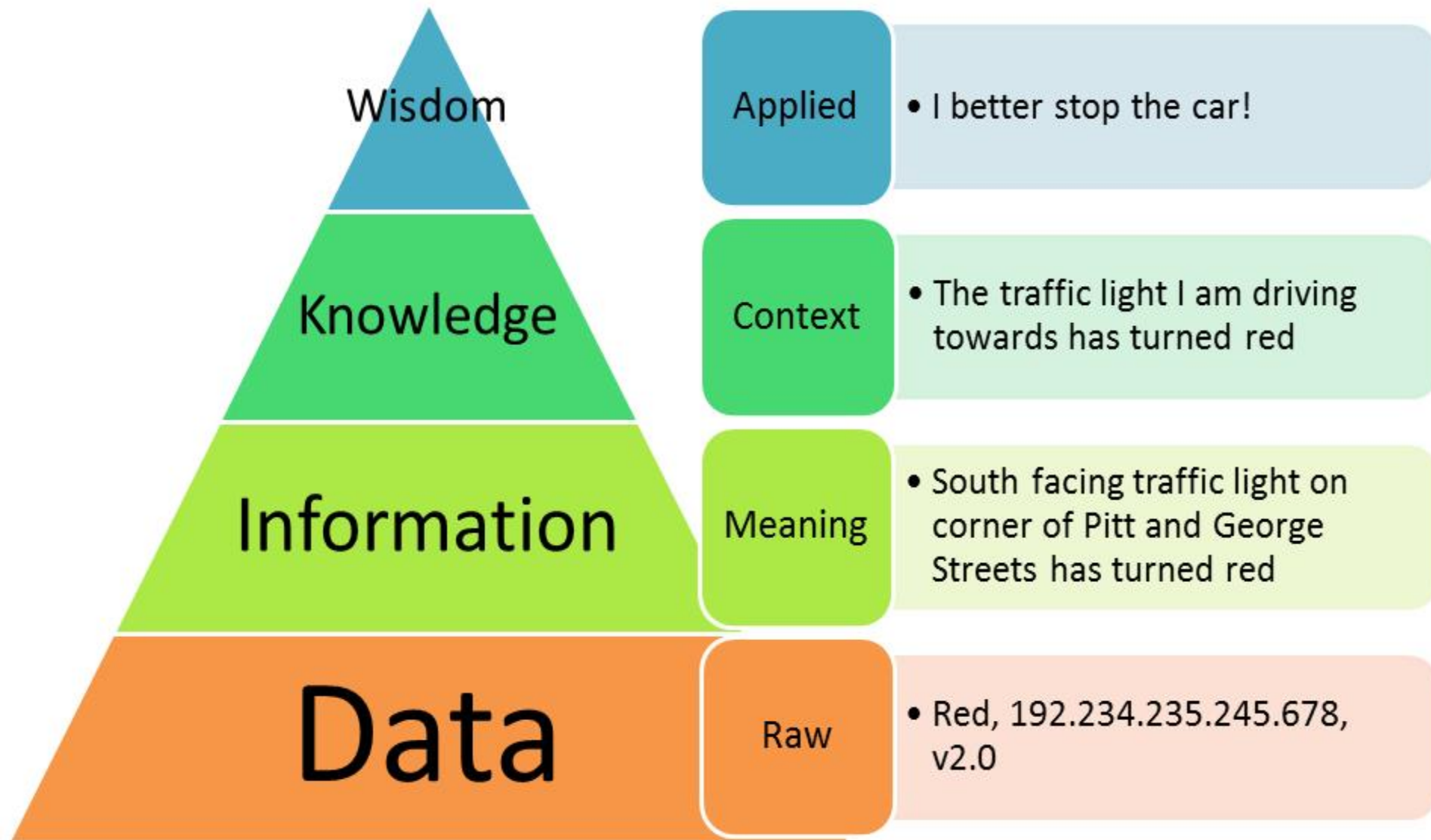
Scientific Bibliographic Consideration - II

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SOME CONCEPTS

- **Data** are the pure and simple facts without any particular structure or organization, the basic atoms of information,
- **Information** is structured data, which adds meaning to the data and gives it context and significance,
- **Knowledge** is the ability to use information strategically to achieve one's objectives,
- **Wisdom** is the capacity to choose objectives consistent with one's values within a larger social context.

DIKW Pyramid



Scientific Knowledge is an objective, systematic, consistent and open to criticism knowledge which is obtained through scientific methods



"You are completely free to carry out whatever research you want, so long as you come to these conclusions."

The main characteristics of scientific knowledge

Lets watch this 😊