

Big Data (CS 522)

Knowledge is Structured in Consciousness

Lesson 3

Local Aggregation

Infinite correlation in the Unified Field

The communication cost is the single most factor that determines the efficiency of a MapReduce job. The best way to achieve better efficiency is by carefully planning and organizing the data so that only the least amount of data is shuffled across the network.

The principle of least action is the basic design principle used by the Nature.

MAIN POINTS

1. The local aggregation is accomplished through in-mapper combining technique. In our daily life, we first organize and combine various ideas before talking to others in a spontaneous way. *The most fundamental combiner is the unification of the Self with itself, which gives rise to knower, process of knowing, and known.*
2. Using the In-mapper combining technique, each mapper is guaranteed to produce only one key-value pair for each key by combining the values. Bringing together all the relevant ideas, it is easy to convey the central idea in a concise and precise manner. *Through the regular practice of the TM technique the functioning of the mind and body are brought together to operate in accord with all the laws of Nature.*

CONNECTING THE PARTS OF KNOWLEDGE
WITH THE WHOLENESS OF KNOWLEDGE

1. It is important that safeguards be taken to maintain the consistency and correctness.
2. In order to be an accurate representation of the part of the real world that it is modeling, a framework must guarantee certain features.
3. *Transcendental consciousness is the source of all perfection in life.*
4. *Impulses within the Transcendental Field : It is these impulses that structure and are within, everything in the universe*
5. *Wholeness moving within itself: in unity consciousness the individual functions in perfect harmony with all the laws of nature.*