

Main Points

Big Data (CS 522)

Knowledge is Structured in Consciousness

Lesson 1

Introduction

Transcendental consciousness is the simplest form of awareness

The Hadoop and related technology provide shared access to large banks of unstructured data

The Unified Field is the ultimate database system because it provides access to all knowledge in the simplest state of awareness.

MAIN POINTS

1. Hadoop is a framework that allows distributed processing of large data sets across clusters of commodity computers using a simple computing model (called MapReduce to retrieve and analyze data). It is always advantageous to find a simple basis for a complex field because it provides a way to manage the complexity of the field. *Vedic Science has discovered that the simplest form of awareness is the basis for the universe.*
2. HDFS is a file system designed for storing very large files (in terabytes) with streaming data access patterns, running clusters of commodity computers. Scaling-out and not scaling-up is necessary to deal with the information explosion. *All information in nature is ultimately in the Unified Field.*
3. MapReduce paradigm is used to extract valuable information from big data. The objective means of gaining knowledge attempts to extract knowledge from the ever-changing relative field of existence. *The subjective means of gaining knowledge starts with the wholeness of the non-changing Absolute, which is the basis of the changing relative.*

CONNECTING THE PARTS OF KNOWLEDGE
WITH THE WHOLENESS OF KNOWLEDGE

1. Computer Science repeatedly calls upon Mathematics to help model the real world.
2. Hadoop is found to be an ideal solution to deal with big data.

3. ***Transcendental consciousness** is the experience of the simplest and most abstract state of awareness which underlies all states of greater excitation.*
4. ***Impulses within the Transcendental Field :** Nature accomplishes what it needs by having its impulses in the transcendental field be as efficient as possible.*
5. ***Wholeness moving within itself:** In unity consciousness one experiences everything as excitations of pure consciousness that underlies and connects all diversity.*