

Blue Brain Technology

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BLUE BRAIN TECHNOLOGY



STEPS TO
BUILDING BLUE
BRAIN

Data Collection

Visulation

DATA SIMULATION

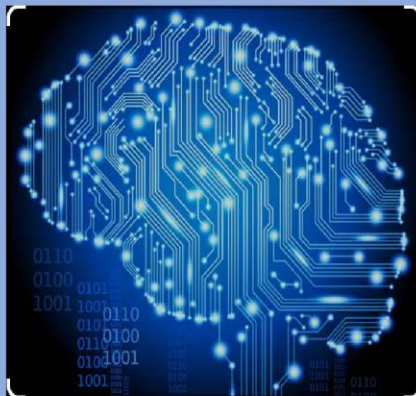
1. Simulation Speed
2. Simulation Workflow

REQUIREMENT OF HARDWARE AND SOFTWARE

1. A Super computer
2. Memory with a very large storing capacity
3. Processor with a very high processing power.
4. A very wide network.
5. Very powerful Nanobots.

APPLICATIONS

1. Gathering and Testing 100 Years of Data
2. Cracking the Neural Code
3. Understanding Neocortical Information Processing
4. A Novel Tool for Drug Discovery for Brain Disorders
5. A Global Facility
6. A Foundation for Whole Brain Simulations



WHAT?

- World's first Virtual Brain
- Machine functions as Human Brain
- Formation of a Artificial Brain which can think, response, take decisions and keep data in memory that is to upload human brain into a machine.

FOUNDED BY

Professor Henry Markram

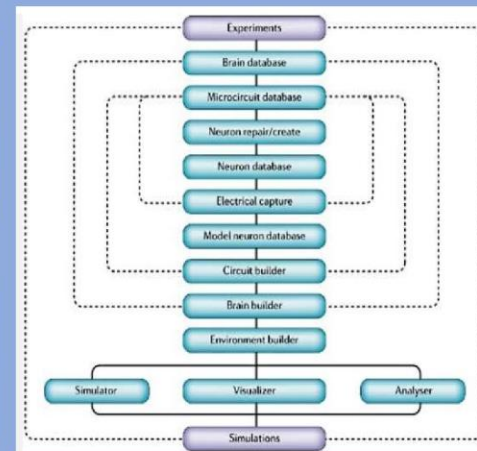
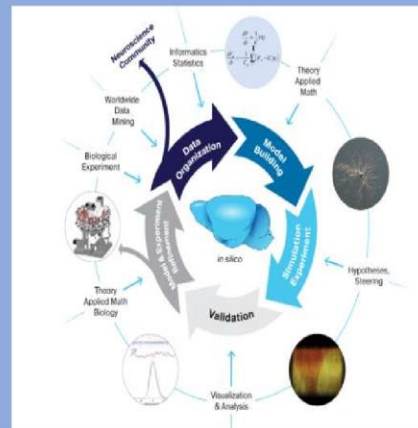
The goal of the Blue Brain Project is to build biologically detailed digital reconstructions and simulations of the mouse brain.

ADVANTAGES

1. To store and utilize human intelligence.
2. Self-decision making by the computer that holds a blue brain.
3. Business analysis, attending conferences, reporting.
4. An interface between human and animal minds

DISADVANTAGE

1. Increases the risk of human dependency on Blue Brain every time.
2. Persons neural schema is hacked, the brain could be used against the very person.
3. Increases the risk of machines conducting war against human.



Working Model of Blue Brain

This slide is 100% editable. Adapt it to your needs and capture your audience's attention.



Data Acquisition - It involves taking brain slices and placing them under microscopes, measuring the shape and electrical activity of individual neurons.

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Simulation - Observations are translated into mathematical algorithms which describe the form, function, and positioning of neurons.

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Visualization of Result - This step provides the main aspects of simulation speed and workflow.

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