

NOTE: ALL CONTENTS OF THIS DOCUMENT ARE
TENTATIVE, and PENDING ROUGH CONSENSUS
AMONG THE GROUP

Central Intelligence Platform

Enterprise NeuroSystem Group

Goal of the meeting

- Decide upon the scope of the working group
- Philosophy of Operation
- Assumed Environment for work of the group
- Tentative Listing of problems that can be solved in this environment
- Prioritization of the problem

Scope of Working Group

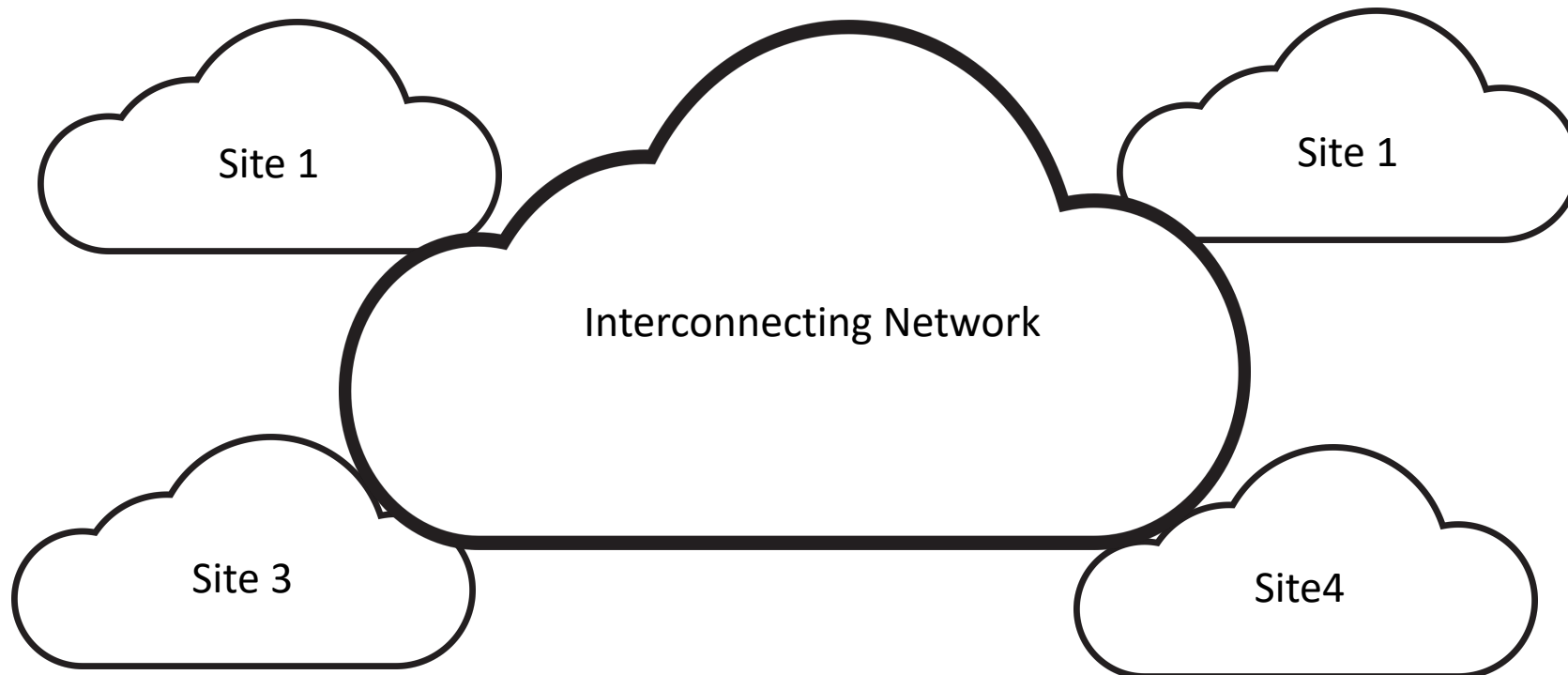
- We believe
 - that there are some challenges in creating enterprise scale AI-enabled/data-driven systems that can only be solved by a community approach
 - that those problems can be best be addressed by defining a set of commonly accepted open interfaces (APIs)
 - That each enterprise can differentiate itself by providing specialized implementations of the interfaces
- This working group
 - will identify the challenges
 - define the common interfaces that can help to address the problem
 - Provide reference implementations for those interfaces

Philosophy

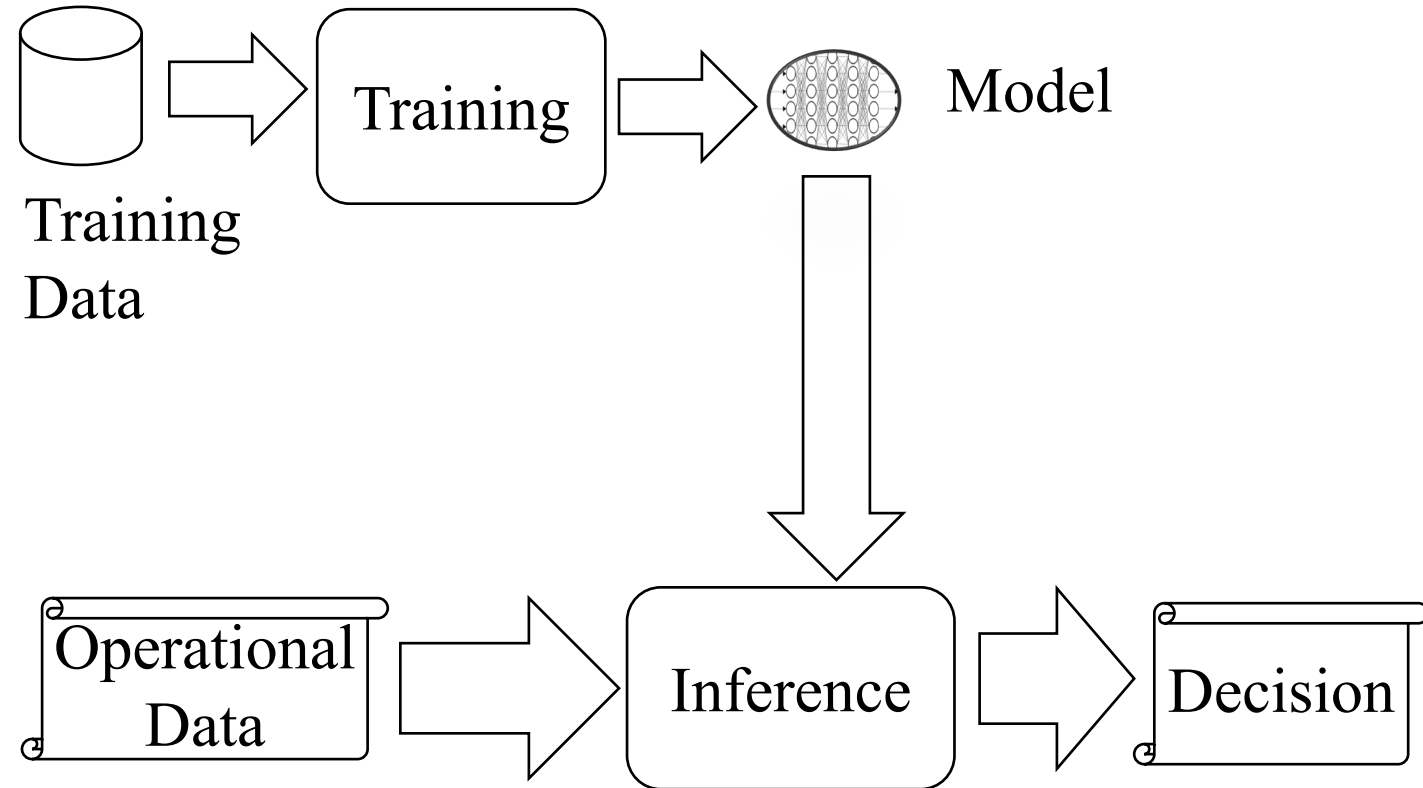
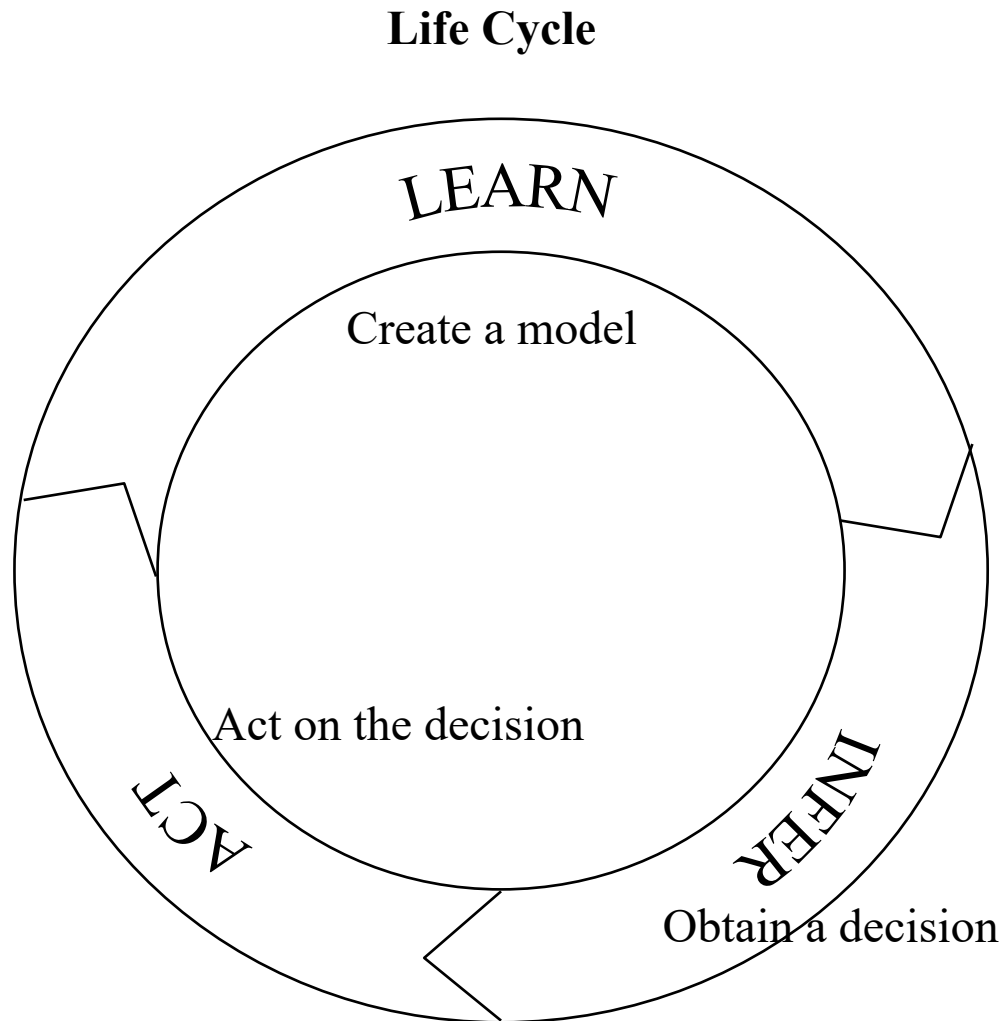
- We will try to avoid duplication of effort in other standard bodies and open source initiatives
- We will maximize reuse of existing APIs and interfaces
- We will not define the interfaces to favor any specific company
- We will try to be efficient and streamlined in our procedures
- Technical differences of opinion will be resolved by means of rough and diverse consensus

Assumed Environment

- An enterprise environment consists of many 'sites' that are connected together by a IP-based Network (Intranet/Internet)
- Sites may be owned by different administrative entities or be all owned by the same administrative entity



AI based Solutions



Definition

Scope Restriction for Group

- Each site can be performing one or more of the following tasks
 - Generating data to be used for inference or mode training
 - Storing data for future use
 - Training an AI model
 - Modifying an AI model obtained from another site
 - Using an AI model to perform inference
 - Managing and Monitoring a distributed enterprise solution
- We will only define the interfaces that are needed across two or more sites
 - We assume that each site is free to do local implementations

Scope of Group

- Problems In Scope
 - How do the sites describe themselves to other sites
 - How do sites discover each other and their capabilities
 - How do the sites provide an global infrastructure for AI solutions to run
 - How do the sites transfer models to each other
 - Etc.
- Problems out of Scope
 - How is each site structured internally
 - How is each site training an AI model
 - How is each site modifying an AI model
 - How is each site collecting data
 - Etc.

Action Items

- Agree on which 'in-scope problem' to address first