Long Term Memory

- Explicit (Declarative Memory)
  - Episodic Memory
  - ⭐ Semantic Memory
- Implicit Memory
  - Procedural Memory

Human can't plan, action without Semantic Memory

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Real cortex structure of Semantic memory is complex

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Need to find some way to stimulate Semantic memory

First order logic is a good way

Semantic logic consist of 2 part

GFrag for Modalities RFrag for Supramodel

Using Bayesian Net enable fuzzy reasoning

Using neural net to fit distribute func

traditional NN lack power of independence

using separate NN could fix that

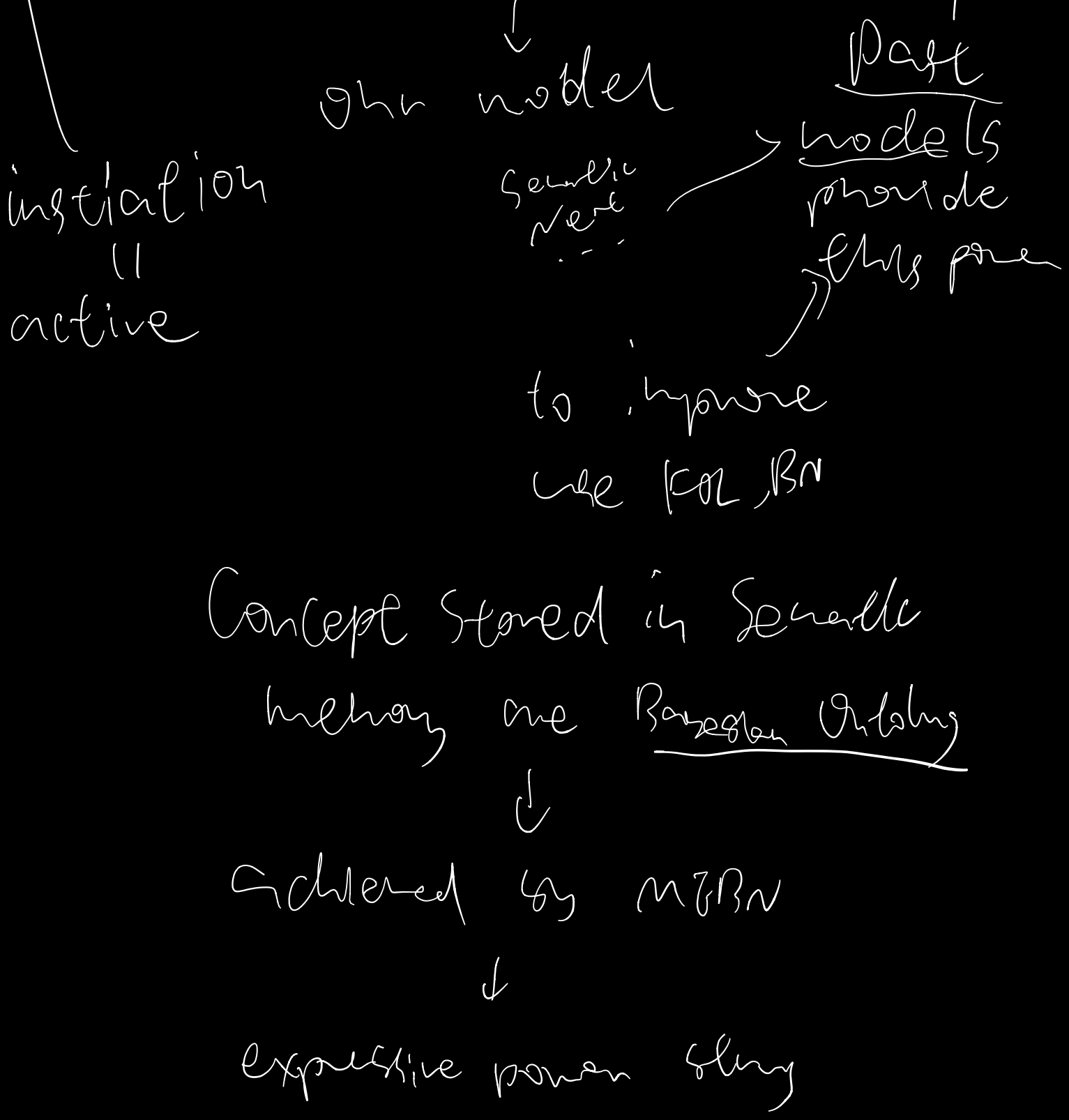
in order to action and plan with the semantic memory

Using RL to plan and action

in order to use RL we have to fix the number of input states

Using the aggregate function

In order to - - - A Secret
must possess the power of Reason
↓
Inspired by human Reasonly
which like the conceptual knowledge
↓
we have to implement Semantic memory
↓
Semantic memory were found in brain
↓
People got good effect by imitate
brain neural network
↓
However the brain NN for
Semantic memory is complex
↓
Adhere a similar structure
↓
Traditional layered structure
proposed NN could further it



Concept stored in Semantic
network are Bayesian Ontology
↓
achieved by MEBN
↓
expressive power thing