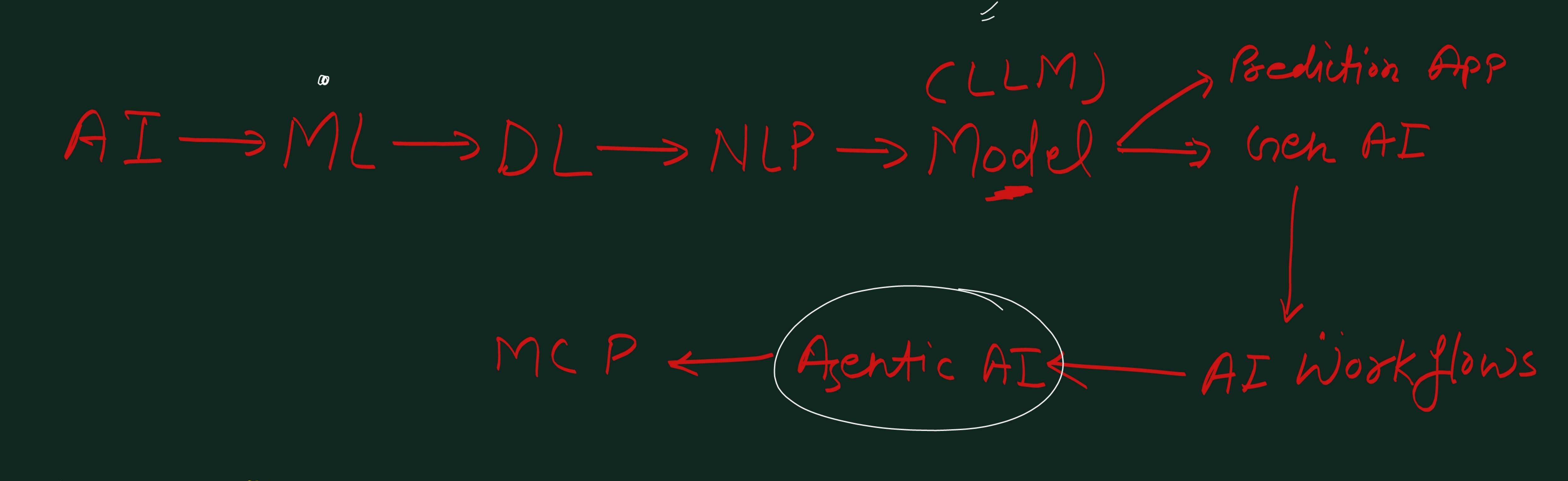
Machine Learning o Making machines to learn from data A concepts which says machine on also have ability to think (1950-52) 80%-90% AI legynny in depth (DL) (XLP) 2011 -> 2017 (hen AI) Netnor Bocoss Notroal (arguel



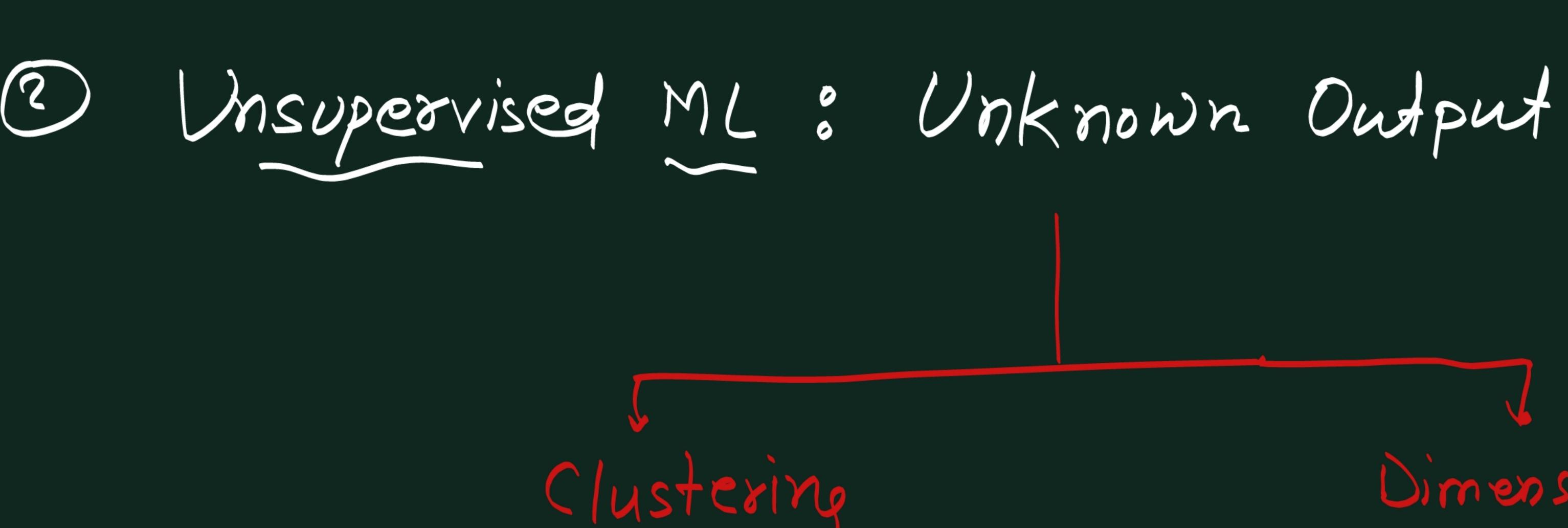
ML gold

O Supervised -> Known Output (abeled Dater es amail spam

(5 1/2) Unsupervised -> Unknown Output (bylabeled data es Recommedation engine

5 1/3) Reinforcement -> Remard (Penalty (r) Hittsey es Robotics

1) Supervised ML -> Known Output Numerical (Continuous) (Discrete) Cadegorical Regression Classification Model Mode \* Span/Not spam \* temperentare foreconsting



C.S. Recommendation Engine

(nouping)

Dimensionality Reduction Dimension
Jose
Feature
Jose
Fields
Jose
Columns

es reducing no.
of feature ((olumns).

# Deep Learning



NLP

text based andio based

Si Chartypt

(V (computer Visjon)

- Image based Video based

Detector