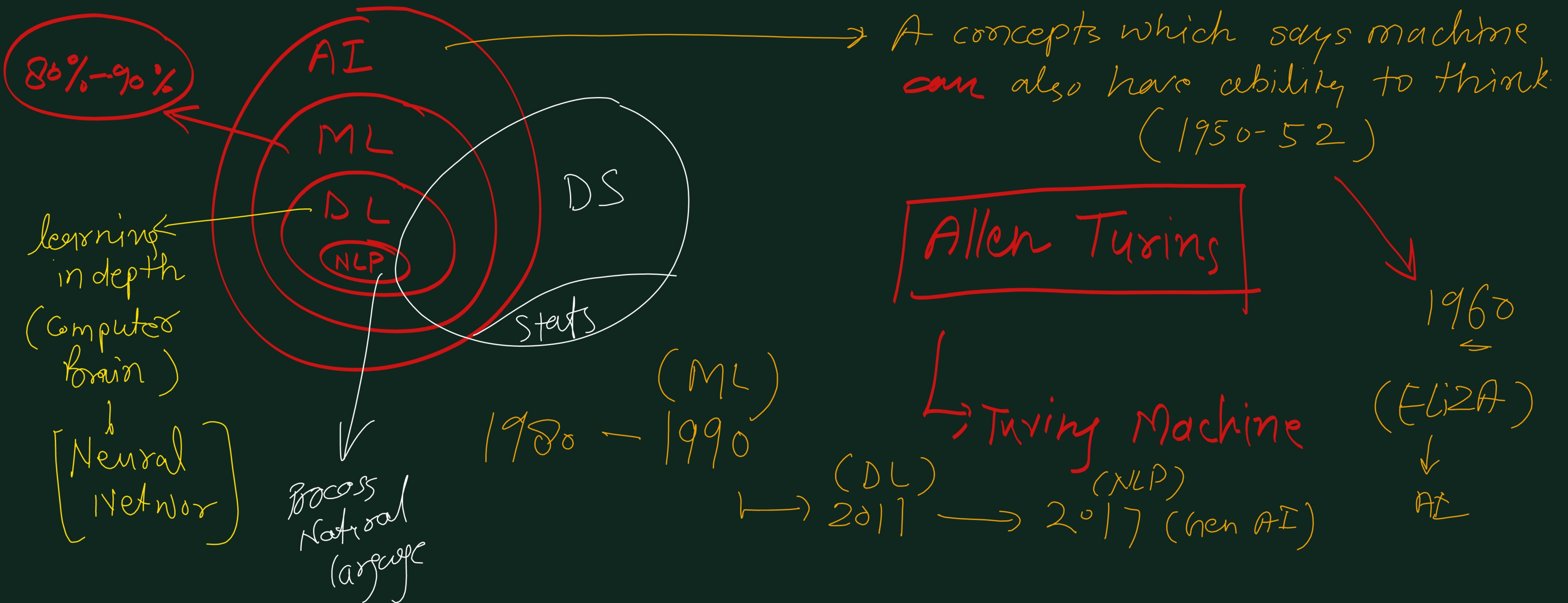
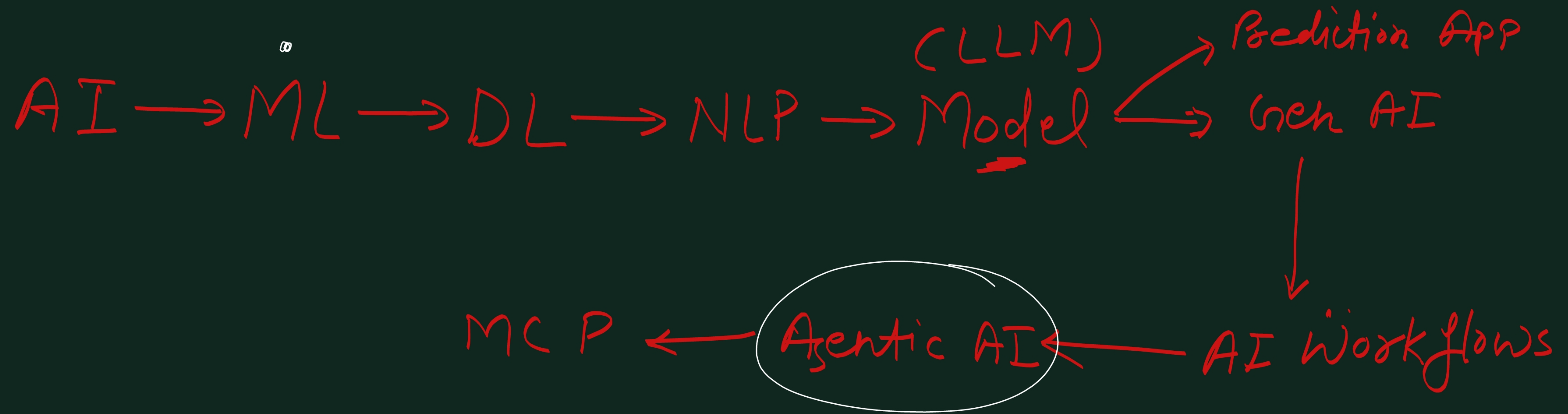


Machine Learning : Making machines to learn from data.





ML

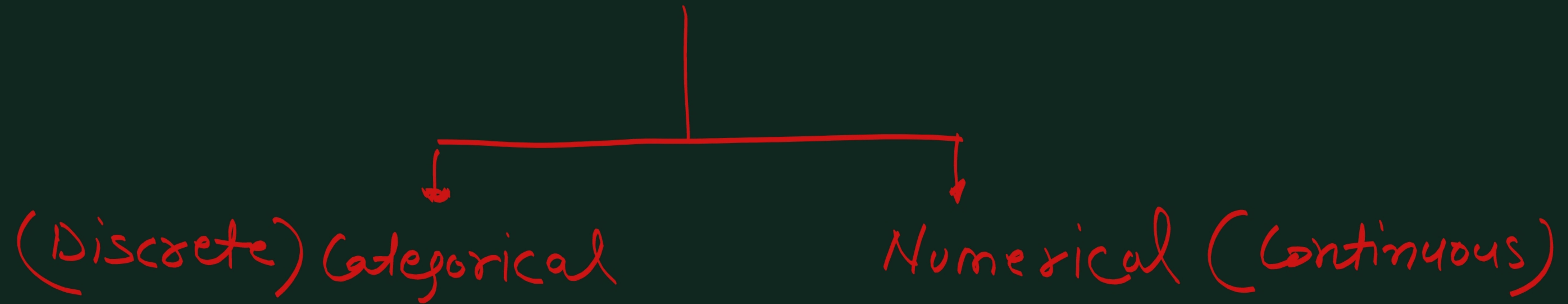
80%

① Supervised → Known Output / Labeled Data. e.g. email spam

15% ② Unsupervised → Unknown Output / Unlabeled data. e.g. Recommendation engine

5% ③ Reinforcement → Reward / Penalty (or) Hit / Tax e.g. Robotics

① Supervised ML → Known Output



↓
Classification
Model

* spam/Not spam

↓
Regression
Model

* temperature forecasting

② Unsupervised ML : Unknown Output



e.s. Recommendation Engine

e.s. reducing no. of feature (columns).

Dimension
↓ 08
Feature
↓ 08
Fields
↓ 08
Columns

