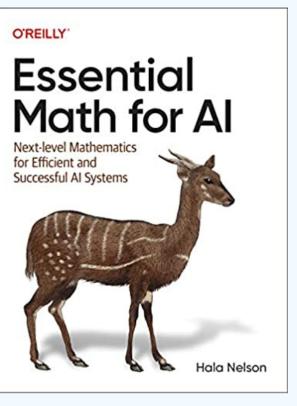
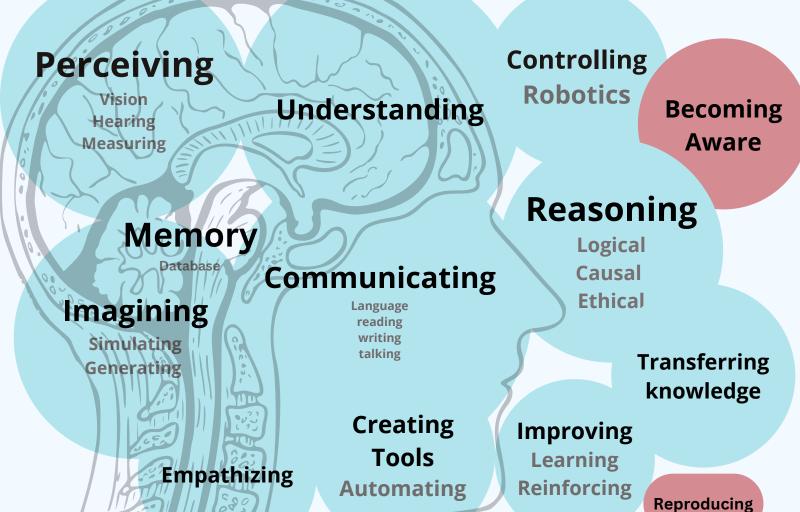
# Essential Math for Al

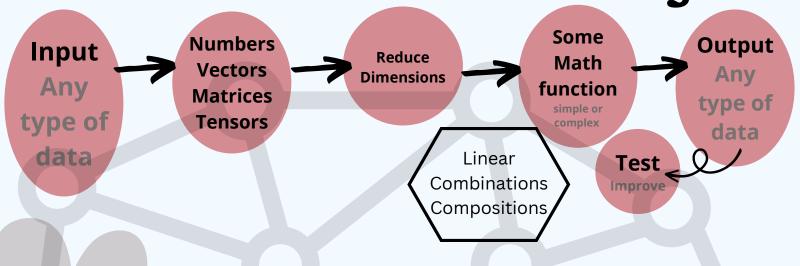




## Intelligence



### Mathematical Models for Intelligence



Maximize Reward

### **Deterministic Models**

Training Function

Minimize Loss

#### Probabilistic Models

Joint Probability Distribution

Maximize Likelihood