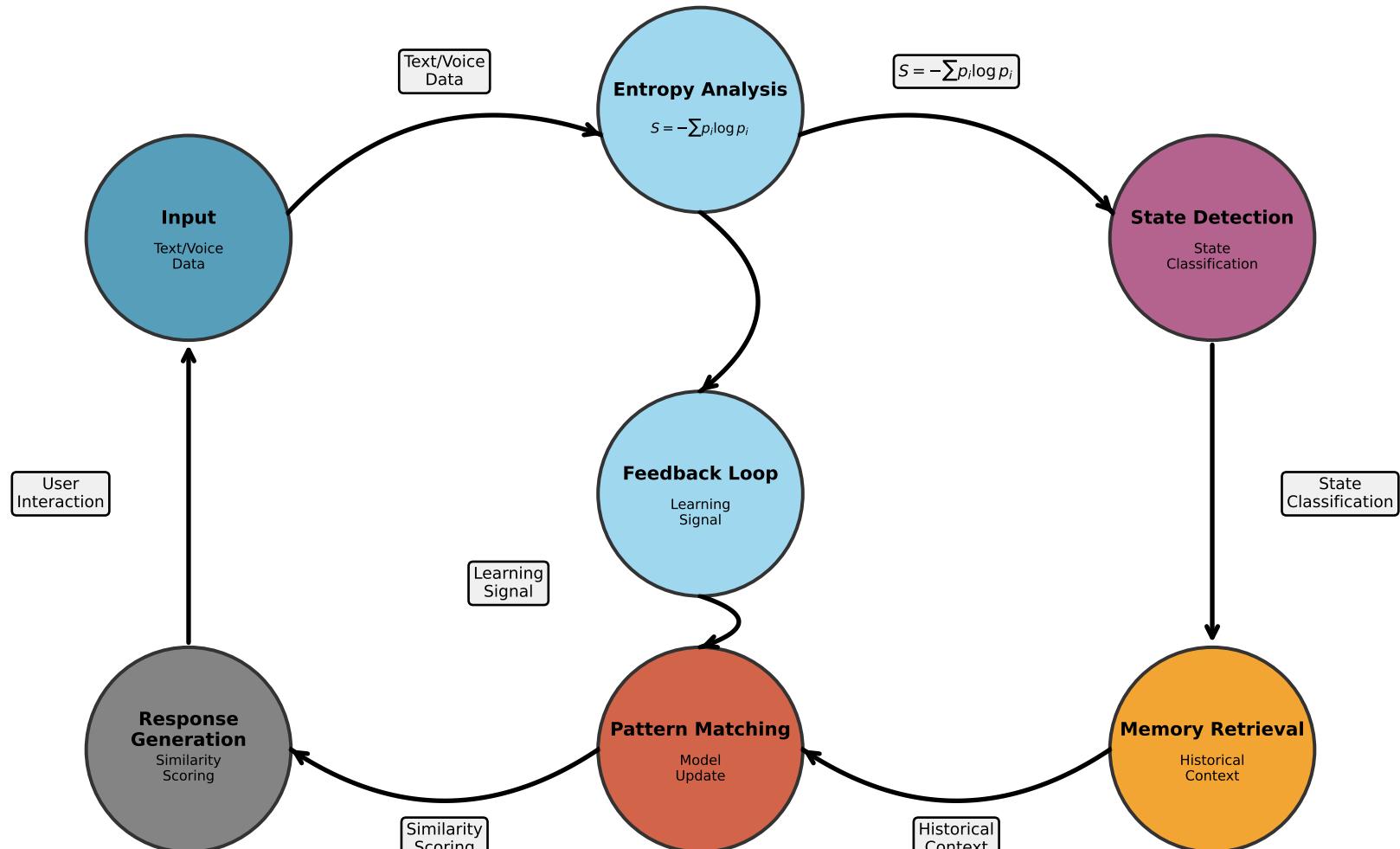


ReUnity Recursive Consciousness Model: Entropy Loop Diagram



Shannon Entropy:

$$S = -\sum p_i \log(p_i)$$

KL Divergence:

$$KL(P||Q) = \sum p_i \log(\frac{p_i}{q_i})$$

Mutual Information:

$$MI(X, Y) = \sum p(x, y) \log(\frac{p(x, y)}{p(x)p(y)})$$

Lyapunov Exponent:

$$\lambda = \lim_{n \rightarrow \infty} \frac{1}{n} \sum \log |dS/dt|$$