Multimodal RAG Test Document

This document contains both text and images for testing multimodal RAG capabilities.
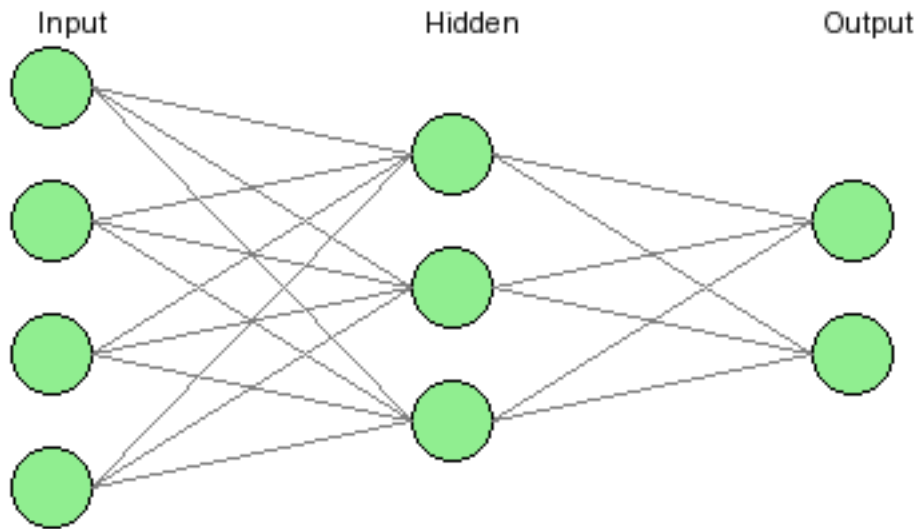
Machine Learning Overview:

Machine learning is a subset of artificial intelligence that enables computers to learn and make decisions from data without being explicitly programmed.

The diagram below shows the basic machine learning workflow:

```
Data ----> Algorithm ----> Model ----> Prediction
```

Neural Network Architecture

The following diagram shows a simple neural network structure:

Input   Hidden   Output

Neural networks consist of interconnected nodes (neurons) organized in layers.
Each connection has a weight that determines the strength of the signal.
The network learns by adjusting these weights based on training data.