

Neural Net Learning

- **Neural Networks** is one of the most significant discoveries in history.
- Neural Networks can solve problems that can't be solved by algorithms:
 - Medical Diagnosis
 - Face Detection
 - Voice Recognition
- **Neural Networks** is the essence of **Deep Learning**.

Neurons

- Scientists agree that our brain has around 100 billion neurons.
- These neurons have hundreds of billions connections between them.

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- The Neural Network Model
- Input data (Yellow) are processed against a hidden layer (Blue) and modified against another hidden layer (Green) to produce the final output (Red).

