Certainly! In a nutshell, a **neural network** is a machine learning model designed to mimic the function and structure of the human brain. [It consists of interconnected nodes (neurons) collaborating to solve complex problems, and it’s widely used in applications like image recognition, predictive modeling, and natural language processing1](https://www.mygreatlearning.com/neural-networks/free-courses).

Here are **five free resources** where you can learn more about neural networks:

1. [**Introduction to Neural Networks and Deep Learning**: This course provides a solid foundation in neural networks and deep learning concepts1](https://www.mygreatlearning.com/neural-networks/free-courses). [Enroll here](https://www.mygreatlearning.com/neural-networks/free-courses).
2. [**Introduction to Tensorflow and Keras**: Learn about popular deep learning libraries and how to use them for neural network development1](https://www.mygreatlearning.com/neural-networks/free-courses). [Enroll here](https://www.mygreatlearning.com/neural-networks/free-courses).
3. [**Multilayer Perceptron**: Dive deeper into neural network architectures with a focus on multilayer perceptrons1](https://www.mygreatlearning.com/neural-networks/free-courses). [Enroll here](https://www.mygreatlearning.com/neural-networks/free-courses).
4. [**Back Propagation**: Understand the essential backpropagation algorithm used for training neural networks1](https://www.mygreatlearning.com/neural-networks/free-courses). [Enroll here](https://www.mygreatlearning.com/neural-networks/free-courses).
5. [**Stock Price Prediction using Deep Learning**: Explore practical applications by predicting stock prices using neural networks1](https://www.mygreatlearning.com/neural-networks/free-courses). [Enroll here](https://www.mygreatlearning.com/neural-networks/free-courses).

Feel free to explore these courses and enhance your understanding of neural networks! 🧠🌟