**TASK 2:**

AI

ML

DL

**Relationship between AI, ML and DL:**

AI (Artificial Intelligence) is when machines are made to think and act like humans. Machine Learning (ML) is a part of AI where machines learn from data to get better at tasks without needing specific instructions. Deep Learning (DL) is a more advanced part of ML, where computers use complex systems called neural networks to learn from huge amounts of data and solve tough problems like recognizing images or understanding speech. So, AI is the big idea, ML is one way to make it happen, and DL is a special technique within ML.