Since the discovery of intelligence people have been interested in finding out ways to improve it. Artificial Intelligence (AI) research is the study of how the brain works. AI is a unique blend of multiple disciplines including computer vision, analysis, linguistics, machine learning and neuroscience. Replicating human intelligence artificially is the greatest problem in science and technology today. Making significant progress towards their solution will require the interaction of several disciplines and research & development on various methods of how a human brain think. As the availability of computing power and infrastructure has grown such as fast gpus, cloud services (Amazon Web Services, Google cloud platform, etc), tools (Tenorflow, Keras, etc) and most important the huge amount and quality of training data. Our desire to match the level of human intellect has given birth to algorithms like CNN, LSTM, SGD, etc. Which has in turn fueled the vastly different approaches to build intelligence systems.

In this research project we are trying to understand the existing digital human brain models created so far based on different types of studies based on brain models, deep learning and other studies in this domain from the perspective of computer science.