

HIVE PROJECT

UNDERSTANDING BRAIN SCAN
DATA WITH NEUROLOGY AI

APPLIED AI PROJECT



NEUROLOGY AI



PROJECT NEUROLOGY

According to WHO, Depression is a common illness worldwide, with more than 264 million people affected. Depression is different from usual mood fluctuations and short-lived emotional responses to challenges in everyday life.

Especially when long-lasting and with moderate or severe intensity, depression may become a serious health condition. It can cause the affected person to suffer greatly and function poorly at work, at school and in the family. At its worst, depression can lead to suicide. Close to 800 000 people die due to suicide every year. Suicide is the second leading cause of death in 15-29-year-olds.

AI solutions are arriving at an important time as critical shortfall in psychiatrists and other mental health specialists is only making matters worse.

Depression and anxiety have a significant economic impact; the estimated cost to the global economy is US\$ 1 trillion per year in lost productivity.

As part of our Healthcare AI project, you will examine the neurology case learn how to understand neurological data, classify brain scans and develop a cool UI to classify it. Who knows, someday you may build a nice conversational AI agent!