AUTISM DIAGNOSIS AND DETECTION IN YOUNG CHILDREN

Team Name

Exclusives

Batch

EB08

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Project Description

Autism or Autism Spectrum Disorder (ASD) is complicated medical condition that affects a persons communication, behaviour and social interaction. It typically appears during childhood and stays persistent throughout life. People with ASD often demonstrate restricted and repetitive interests or patterns of behaviour. Well early diagnosis can help a lot and save distressing and bewildering for the undiagnosed person. If the person goes undiagnosed might get into difficult behaviours, social isolation. It might lead to not attain their best ability in school and poor overall health and physique. The causes of Autism are numerous, majority are genetic and some show links to environmental changes. The rapid growth in the number of ASD cases worldwide necessitates datasets related to behaviour traits And visualising the trend and patterns relating to autism,

Our project aims to create a model that will help detect, analysis and diagnose autism in young children and babies (younger than 18 months). Earlier the diagnosis easier it is to get treatment and therapy and reduce pressure and distress on the child. We will deploying supervised machine learning technique. The datasets that will be deployed will be from UCI machine learning repository and heath organisation like Mayo clinic.