

Early Autism Spectrum Disorder Detection

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Abstract: *Autism spectrum disorder (ASD) is a type of mental illness that can be identified through social media data and biomedical imaging. Autism spectrum disorder (ASD) is a neurological disorder that correlates with brain growth and subsequently affects physical expression. ASD children have distinct facial features that significantly differentiate them from typically developing (TD) children. The novelty of the proposed research is to develop a system based on the detection of autism spectrum disorder in social media and facial recognition. Deep learning techniques can be used to recognize such landmarks, but they require precise techniques to extract and generate the correct facial patterns.*

Keywords: Deep Learning, CNN, ASD, Tensorflow

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