

AUTISM :

Autism Spectrum Disorder (ASD), is a neurodevelopmental condition .

Spectrum – wide range of symptoms.

Occurs at the age of 2 or 3 .

SYMPTOMS :

- Social Communication – poor eye contact, delayed speech, repetitive words, aggressive, don't show emotions or feelings.
- Gestures – activities hurting themselves, same movement, body language, walking, sensitive (light, touch, sound) .
- Fine Motor skills (trivial). (gross motor skills).
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CAUSE :

- Some studies suggest high exposure to air pollution or chemicals during pregnancy may be a factor
- Use of certain drugs (like valproic acid) during pregnancy may increase risk
- Genes .

PROCESS :

DATASET : dysgraphia/dyslexia dataset.

FEATURES :

- Stroke smoothness
- Pressure
- Spatial consistency
- Repetitive patterns
- Line symmetry or abstraction in drawings
- Letter formation, size, and slant