

Initial Diagnosis of Dementia using Machine Learning Approach

Date: July 08, 2025

Report ID: DRX-6937

■ User Details

Name:

Age: 56

Gender: Female

MMSE: 1

BMI: 23.95

Smoking: No

Alcohol: Moderate

Activity: Active

Sleep Hours: 5.0

■ Prediction Summary

Prediction: Dementia detected

Risk Score: 98/100

Confidence: 98.00%

MMSE Score: 1

BMI: 23.95

Model Accuracy: 87.00%

■ Interpretation

Severe cognitive impairment likely. MMSE score indicates significant decline.

■ Recommendation

1. Immediate specialist consultation
2. Cognitive behavioral therapy
3. Supervised care & environment safety
4. Support from family/caregivers
5. Manage co-existing health conditions