

**Designing a tool for early diagnosis for dementia from neuroimaging data using machine learning**

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# Abstract

# Acknowledgment

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# Introduction

## Dementia

### Epidemiology

### Alzheimer’s disease

#### Patophysiology

#### Diagnosis and Monitoring

## Image processing on Diagnosis

# Objective

# Methods

## Data Handling

### Use of Big Data Techniques

## Image Processing

### Brain Segmentation

### Add all the other image processing methods here

## Machine Learning

### Support Vector Machine

### Add all the other machine learning techniques here

# Results

## Results for each methods used

## Method 2

# Discussion

# Conclusion

# References