# Image Clustering Using Deep Learning

**Team Members:-**

Khanjan Joshi (26)

Pooja Naskar (30)

Prathmesh Malvi (38)

#### **Outline:**

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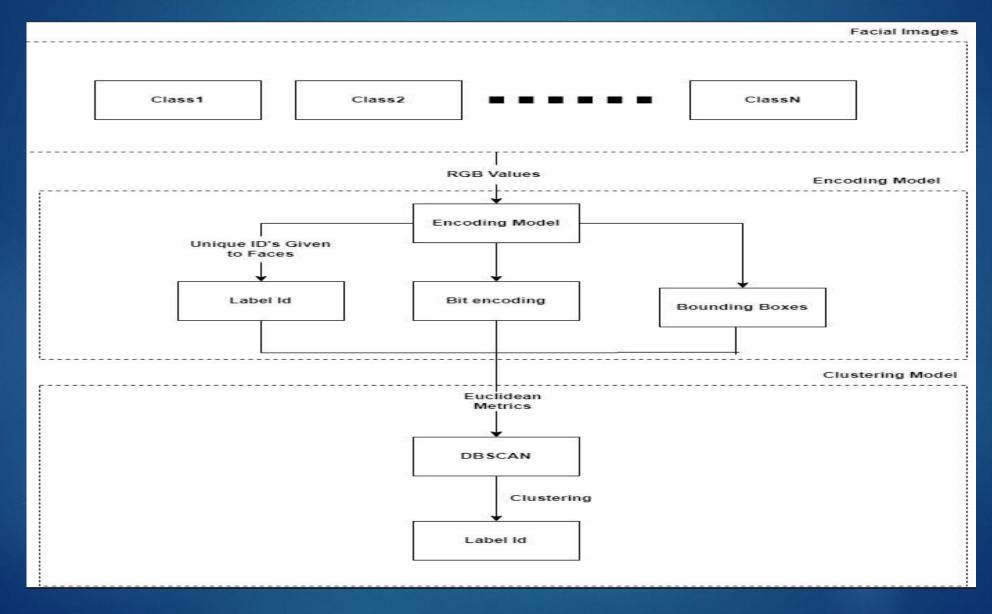
#### Introduction

- An automated face clustering system to accurately group similar objects based on visual features.
- Through this we can able to classify the different objects from group of objects. Hence, it becomes very easy to extract certain objects from a group.

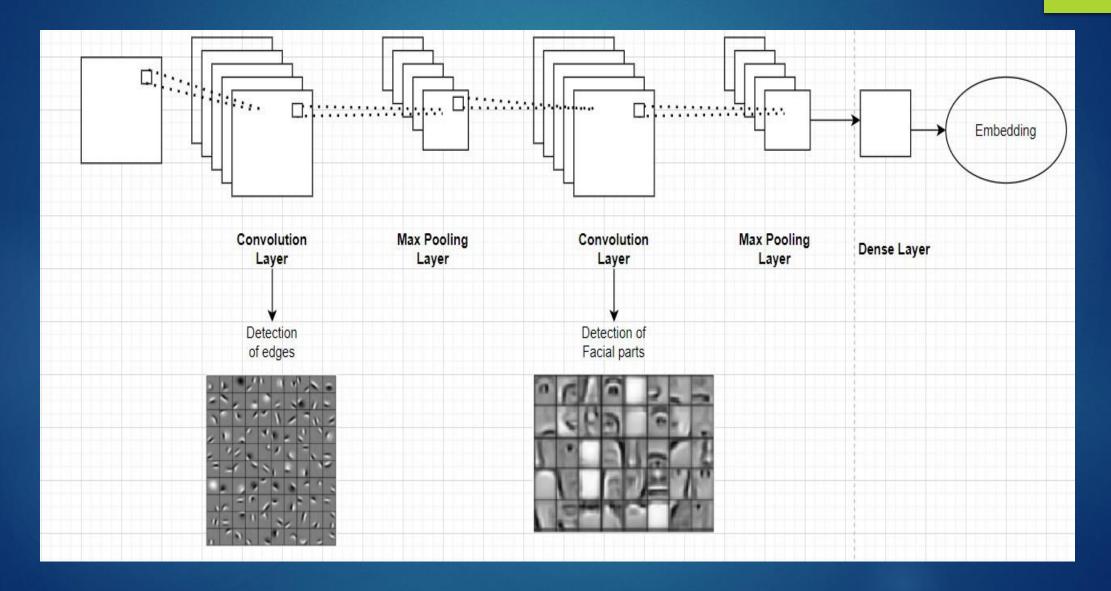
# **Objective**

- Our Objective is to implement clustering system to accurately group similar objects based on visual features.
- > Reducing time for manual classification.

### **Process Design And Implementation**



## **CNN** Algorithm



#### Conclusion

- Image clustering using machine learning is a promising technology that can accurately group objects based on visual features and handle varying conditions.
- It saves time and effort in manual identification tasks, provides reliable and efficient results, and can be used in various domains and applications.

# Thank You!!