



Walchand College Of Engineering, Sangli

(An Autonomous
Institute)

**Department Of Information
Technology**
(Academic Year 2018-2019)

Mini Project Presentation on
K-Means algorithm

Project by

Group No:-2

- | | |
|------------------------------|-------------------------|
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***Under the Guidance of
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AGENDA

- ❑ Introduction
- ❑ Methodology
- ❑ Objectives -Accomplished
- ❑ Project Overview
- ❑ Application
- ❑ References

INTRODUCTION

- ❑ What is K-Mean Clustering ?
- ❑ What is K ?
- ❑ What is Cluster ?

METHODOLOGY



- ❑ Development of 3-D animation video by using open source platform of Blender.

OBJECTIVES

- ❑ Implemented K-Mean Algorithm using Blender Animation tool.
- ❑ K-Mean Cluster Algorithm explained using simple example.

PROJECT OVERVIEW

- There are two Sheeps Joe & Shaun that live in the forest.

One day they saw lot of carrots in forest. They like to eat carrots.

So, they equally distributed the carrots between them using K-Mean

Clustering Algorithm.

APPLICATION

- ❑ Market Segmentation
- ❑ Computer Vision
- ❑ Geostatistics
- ❑ Astronomy
- ❑ Agricultures

REFERENCES

- ❑ https://en.wikipedia.org/wiki/K-means_clustering
- ❑ https://youtu.be/_aWzGGNrcic
- ❑ <https://www.geeksforgeeks.org/k-means-clustering-introduction/>

The background of the slide features a black and white photograph of a modern building's exterior. On the right side, there is a large glass window reflecting the sky. Below the window, a staircase with a metal railing leads upwards. The left side of the image is a light, hazy gradient.

THANK YOU !!!