	() ()	
K-mean 15% it	is un supervisero	learning Algorithan which lusters)
divides data in	to K = 9000ps (c	lucters)
The goal is	s to postition o	late into distinct groups (clusters)
where date po	ints in the same	group are as similar as
possible, and	points in dit	General groups are as
dissimilar as	possible.	0 1
The "k" in	K-Means rep	resents the number of
clusters you we	at to gind.	you have to tell .
the algorithan this	s number in a	Kance-
-> exe- imagine.	you are a fruit	coeller, and you have
a chasket of	Prvites They are	they are all mixed
Apples and C	sanges, Jobut	they are all mixed
A DAH AY UNIII	OI CAL MARCH	12600000
graps based	on their weight	and coize
July 1	U	
→ ex-~S8-no	990	amount.
- Co - Co	28	500
C2	40	1000
53	30	800
cy	18	300
	28	1200
	35	1400
C6	105	. 100
	45	1800
	45	1800
<u> </u>	,	
	me we have	to made two
	me we have	
	me we have tepli define	to made two
clusters & is	me we have	to made two
clusters & rs	me we have tepli define	to made two
clusters & rs	me we have tepli define	to made two clusters. so ked.
clusters & rs	me we have tepli define	No we have to deide which values here on which
clusters & is	me we have tepli define	to made two clusters. so ked.

control raice
> Step28 calculate the centroid rather
> Step2e calculate the centraled name. > central value means on the bosis of that we calculate the further values.
1.10
1 6000 11 (10)(12)
No got each clustess we must have to inflice. value, on the basis of that we will prodothers randomly.
rate, on the basis of
value sandomlys
-) aso we can assing any value sandomly. John the given Table.
from the gren Table.
aso -> are assign
$K_{l} = C_{l} \partial \sigma_{l} S_{00}$
Kg = (Cd.) =>40,1000.
") = (a)
So gos cz and further values we will find
he distance, and we will check the newest
antro 10
value of is newest to 4 then it will Geo on K,
10 C3 is newest 10 4
name for 1/2.
Destance gormulas
Euclidean Distance Posmolas
EUCHURAII (V
2 /1 1/2
de (n-n) + (12-1/1)
Cheek rectified Co. C. 2. 11 61
when I co with a
(3- 1 (30-20) + (800-500)2
300
NOW C3 DIS CT
A CONTRACT OF THE PARTY OF THE
so are will get
$C_3 = 200$
SOLO Teacher's Signature
그래요 사람들은 사람들은 사람들이 되었는데 그리고 있는데 하는데 그리고 있는데 모든데 되었다.

