KNN > K- nearest Neighbour.

KNN > K- nearest Neighbour.				
Features				
Inghedient	Sweet	Counch	Food type	
Apple	10	9	Fr	
bacon)	4	Pr	
bomanna	16	<i>f</i>	Fr	
carrot	7	10	Veg	
Celery	3	10	Veg	
Cheese		1	/ Px	
Simplest objection > Classification talk > Similar class will have similar class of an extending of an extend				
Charles .				
> Process > Select -> K. (K-NN)				
-> Troing dataset -> classification & labels. (Feathers)				
Couls > Umamed Variable > Category in Identified				

New Section 13 Page 1

Euclediandist - Howa crow Ther Monhatton DINT > Man walks in a block" Orage Tomato > Avoid 1 & Lower K opt mum K > Different scales > Computation becomes very difficult (Min-Max) Normalisation

Scorille = 0 - 1 million

- urin(x)

xnew = X-M 32-Mandardination Scoville = 0-Imillion X new = X - min(x)
Range Dunny Coding > Nominal data (M/F) (T/F) (7/N) 2- Jeansus Feature > (/N) 0 = Otherwise Cold, Med, Hot Features - C Cold

Features - C Cold

Of the other ise # < "> Building Model S1 -> Data Collection Sa > Data Explanation -> Transform -> Normaly aton @ -> Min-max > Z-Standardize (R) -> Create a Train & Test data. - Training The model.

New Section 13 Page 3

Sq > Toaining The model.

P = knn (toain= ..., text= ..., cl= ..., k= ...)

Chisa Vaccor with days of each Variable

St > Evaluate performance > Cross Table

The prove performance > change Normalisation et

Text Values

Sc > Summary > K=?, Normalization, % Mount

Winfrom Z

Docide on Irials