

Combination of enhanced K-means clustering and KNN classification
techniques in Medical Diagnosis and Treatment Suggestions
ARTIFICIAL INTELLIGENCE

1. K-means clustering:

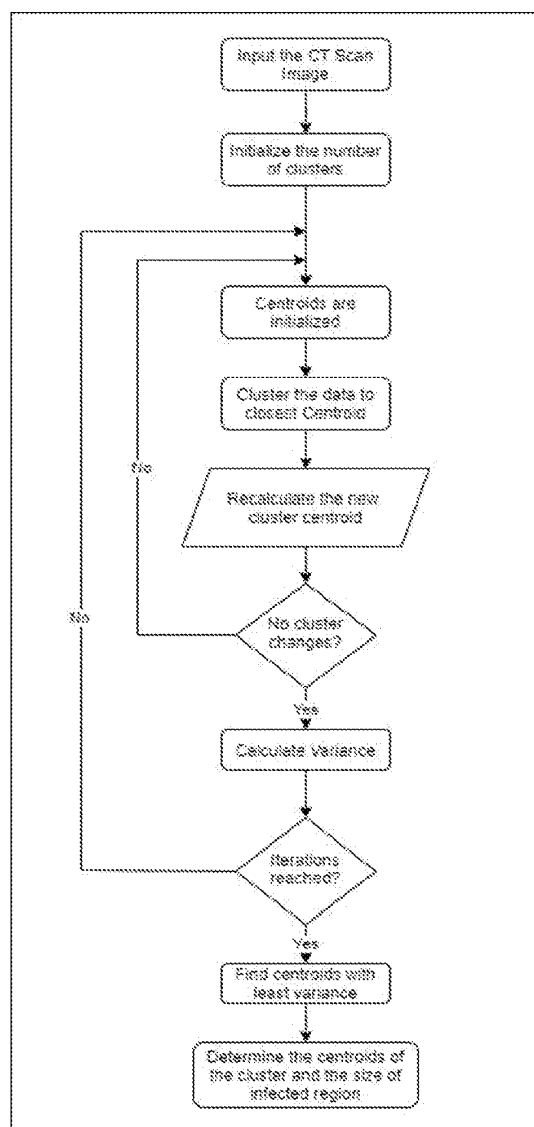


Figure 1. Flowchart for K-means clustering algorithm

2. Classification using K Nearest Neighbor (KNN) algorithm:

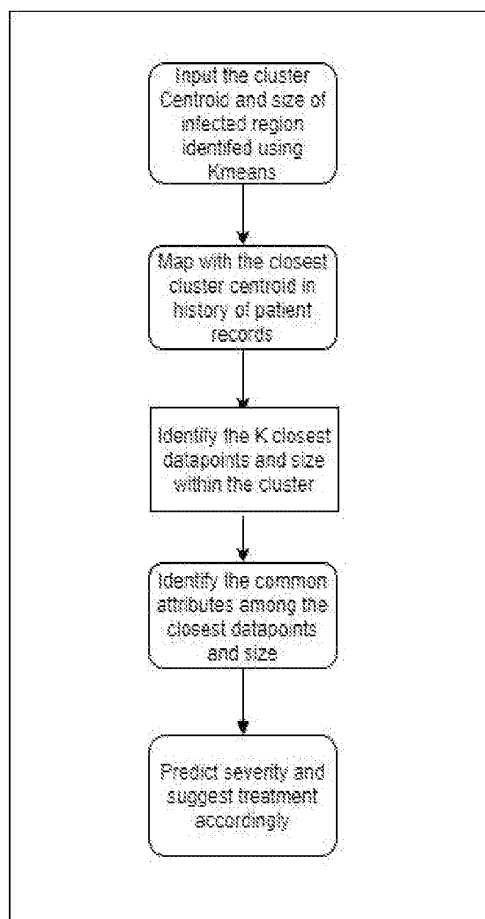


Figure 2. Flowchart for KNN classification algorithm

3. Image processing on CT scan Images:

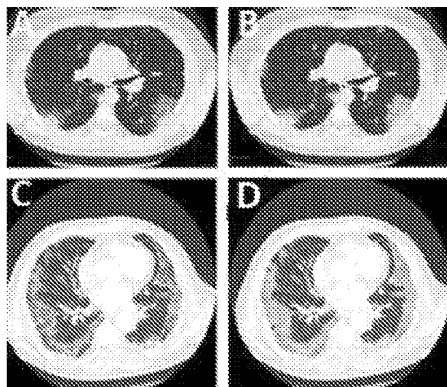


**Figure 3. Input CT scan Images (A and C)
Output images (B and D)**

4. Image Processing on Retinal Fundus Image:

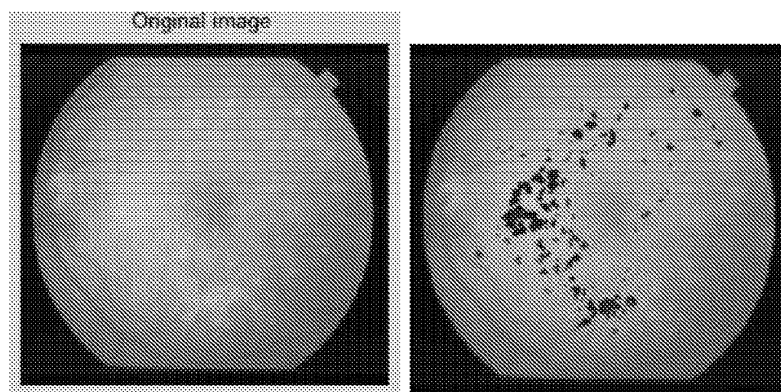


Figure 4. Clustered Segmentation in retinal fundus image