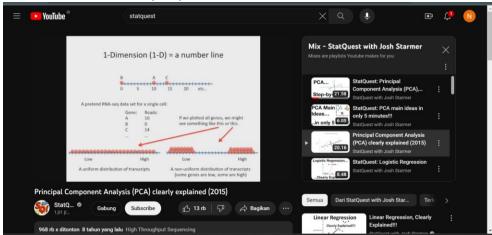
Nama : Syifa Wanda Isnaini

NIM : 1103201248

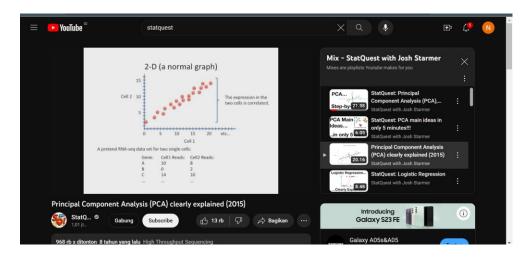
Understending 3 Link StatQuest (Youtube: Josh Starmer)

1. Principal Component Analysis (PCA) Clearly Explained (2015)

- PCA 1-Dimension (1-D) = a number line



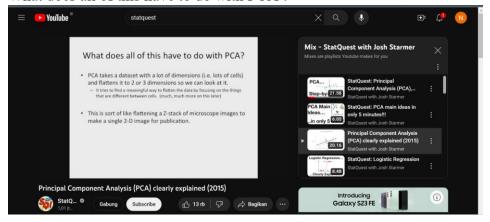
- PCA 2-D



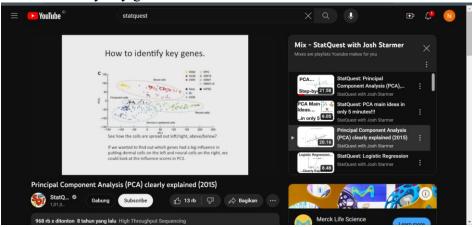
- Dimensi yang diketahui



- What does all of this have to do with PCA?



- How to identify key genes

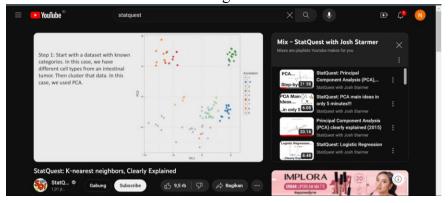


2. StatQuest: K-nearest neighbors, Clearly explained

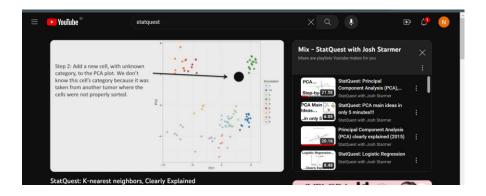
- The K-nearsest Neighbors Algorithm



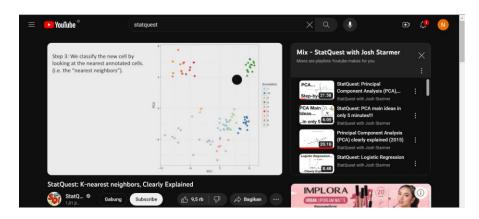
- Star with dataset with known categories



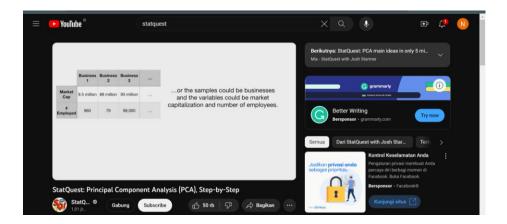
- Menambahkan cell baru



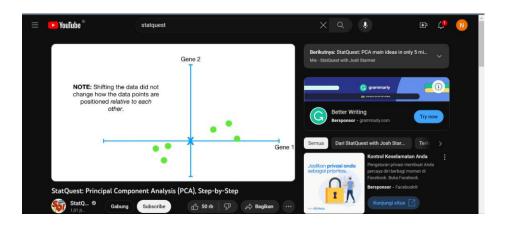
- Klasifikasi cell baru itu dengan cell terdekatnya (neighbors/tetangga)



- 3. Principal Component Analusis (PCA) Step-by-step
 - Conceptual motivatiom for PCA



- Worked out for 2-dimension data



- Drawing the PCA graph



- PCA worked for 3 dimensiona; data

