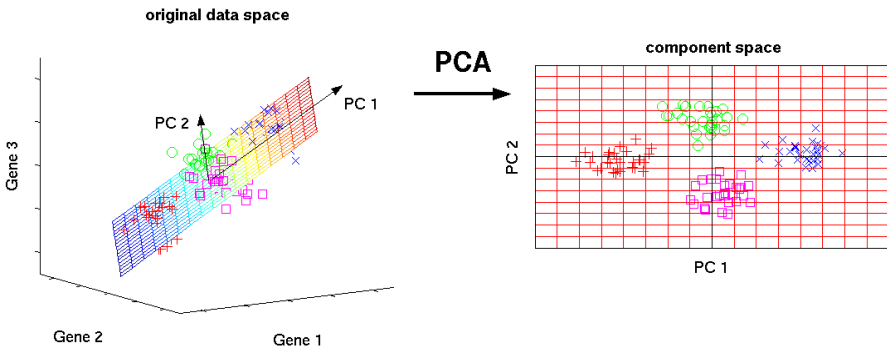


For Face Recognition:

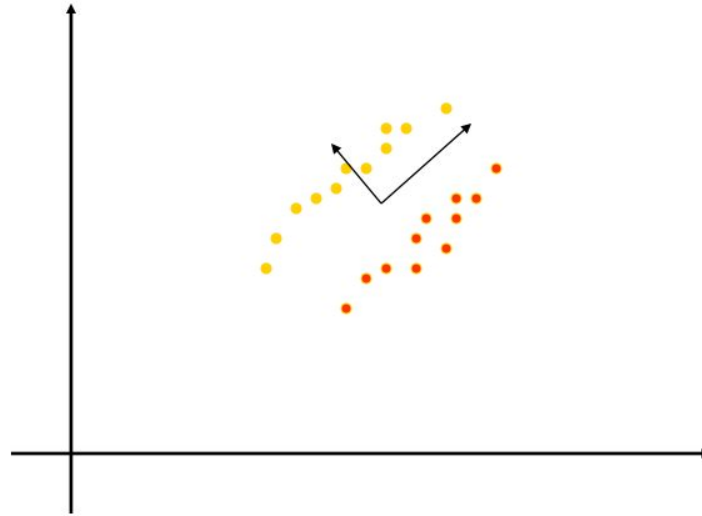
- It is a **statistical approach** used for **reducing the number of variables** in face recognition.

For Exploratory Data Analysis:



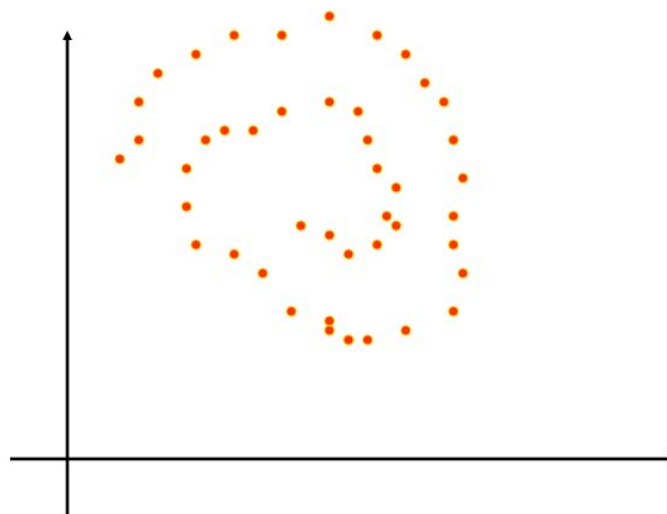
- It is used for making 2,3-dimensional plots of the data for **visual examination** and **interpretation**.

Limitations



- It doesn't know **labels**.
- It is an **unsupervised learning**.
- Outputs are **not considered**.

Non - linear Structure



- It cannot capture **NON-LINEAR** structure.