

# **HOMEWORK 2**

## **PART 1**

### **Top 20 Authorities :**

Harry\_Styles

NiallOfficial

Louis\_Tomlinson

Real\_Liam\_Payne

zaynmalik

onedirection

lewisxjones

Luke5SOS

Michael5SOS

Ashton5SOS

HeyHarryHoran

justinbieber

Calum5SOS

loulust

halfmoonlouis

colourlouis

BadGirlRiRi

MileyCyrus

edsheeran

5SOS

## **Top 20 Hubs**

Vanessa\_Vieiira

IsaHoranT1D

BaughnIsabella

1D\_EternalLove

Hey\_ThereRomeo

norosaprotested

NarryBites\_

Gnarlynialll

WenYein

stehanielou

Narrys\_1Derfull

nvrystvgrvm

xnarrygirl

TeenageBitchbag

weyheydacraic\_

criesluke\_

Upallnialls

leela\_brooks

RamosPCarla

MeldaAtak

(NOTE : YOUTUBANDS , Georgia\_Gaines , \_bekaharry, Hayleyroseee11, saraaamazayn , 5secondsftbooks, ale\_chiu . These screen names have same Hub scores as 'MeldaAtak' the last one in the above list)

## **PART 2**

### **Folder 1**

feature : 23 : 1.40047264106  
feature : 39 : 1.03949988762  
feature : 21 : 0.664914678321  
feature : 37 : 0.470876150788  
feature : 18 : -0.411570908321  
feature : 41 : 0.405503874386  
feature : 19 : 0.401731727938  
feature : 28 : 0.349758142295  
feature : 25 : 0.325244041902  
feature : 32 : 0.308775368526  
**accuracy** : 92.6952141058  
c = 0.04

### **Folder 2**

feature : 15 : -6.20819674751  
feature : 11 : 5.87393323399  
feature : 23 : 5.19736045122  
feature : 12 : 4.28215455002  
feature : 2 : -4.09454285264  
feature : 1 : -3.71285681714  
feature : 14 : -3.40145628832  
feature : 5 : 2.68476192667  
feature : 34 : 2.5728567953

feature : 32 : 2.05706202179

**accuracy** : 83.5443037975

c = 9

### **Folder 3**

feature : 23 : 0.52261795212

feature : 39 : 0.479669094833

feature : 21 : 0.337948376511

feature : 37 : 0.324129054033

feature : 25 : 0.218348971513

feature : 18 : -0.21790268539

feature : 42 : 0.202829891496

feature : 46 : -0.198517326963

feature : 41 : 0.194728701393

feature : 38 : 0.173202184013

**accuracy** : 87.8281622912

c = 0.004