

\* hamary pas 5 Clusters hen:

Cluster 0: sahib,lode,morning,dance,shows,vulgarity,tv,ka,girls,vulgar

Cluster 1:

geo,cancel,najam,hi,blasphemer,set,license,khanzada,legal,army

Cluster 2:

sindhi,karachi,terms,province,use,urdu,channel,society,news,words

Cluster 3:

amir,liaqat,biol,dr,program,hate,hussein,tv,spreading,religious

Cluster 4: channel,news,tv,indian,pakistan,action,stop,islam,petra,ad  
duplicate values within Clusters Qty.: 4

news [2, 4] 2<sup>nd</sup> and 4<sup>th</sup> cluster

channel [2, 4] 2<sup>nd</sup> and 4<sup>th</sup> cluster

tv [0, 3, 4]

total Observations: 13405

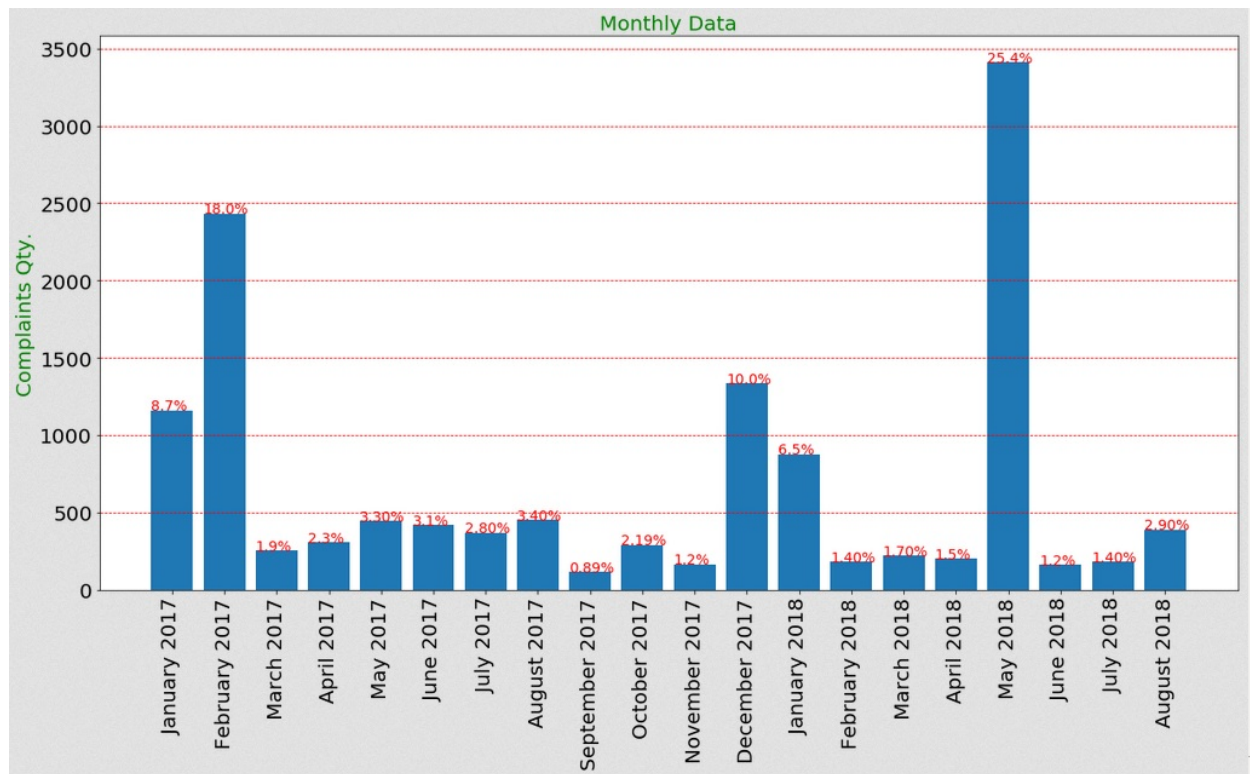
unique Complaints: 8955

duplicaates: 4450

unique Complaints ID: 9459

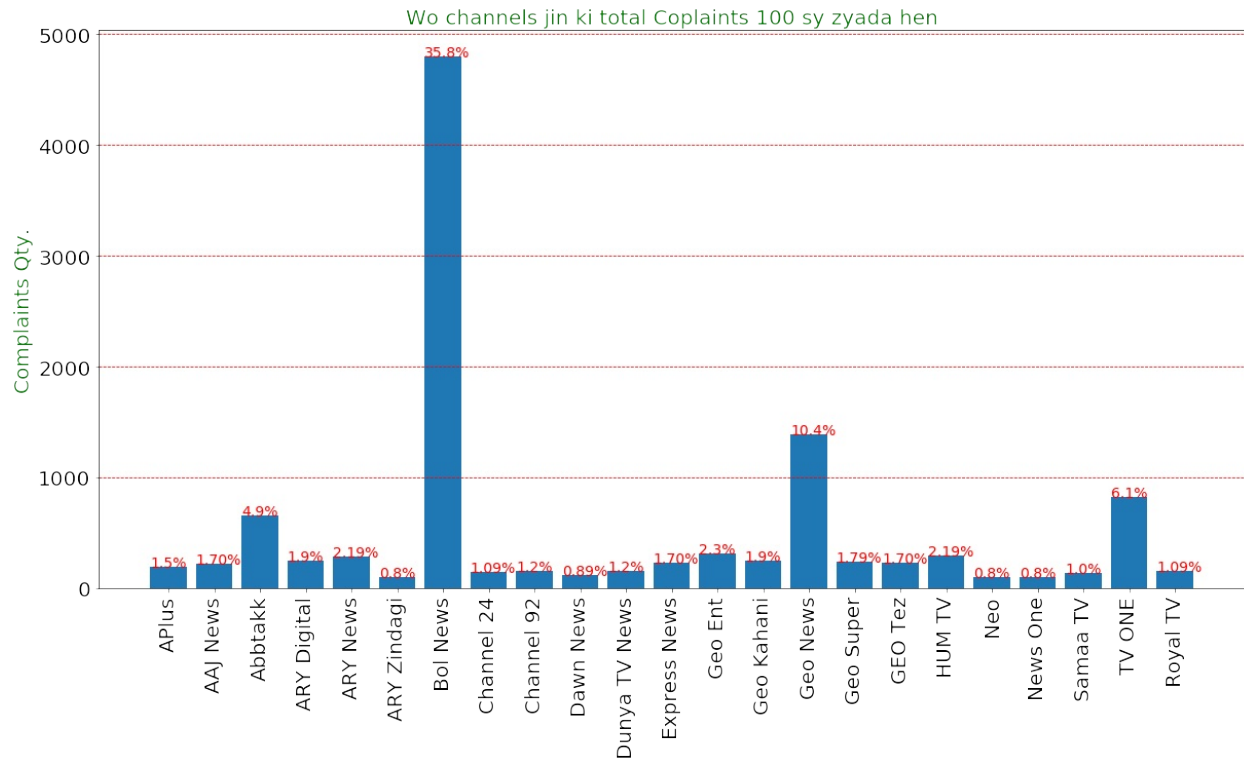
duplicates: 3946

Monthly Data:

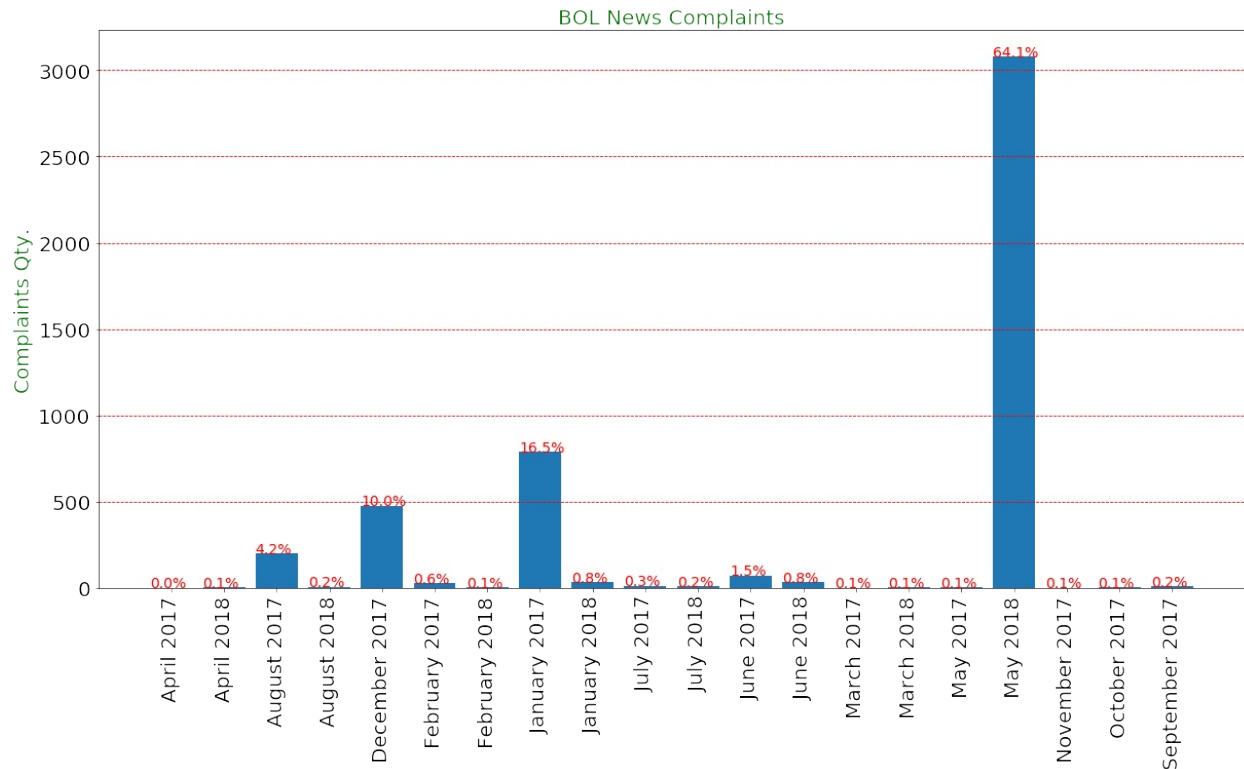


wo Channels jin ki total Complains 100 sy zyada hen (ratio total me sy h):

Note: 100 sy oper waly channels ki total complains 12190 hen,  $(12190 / 13405 = \sim 91\%)$



Bol News ki bohot zyada complains hen, 35.8 % from total Complains, so ham Bol News ka monthly chart banaty hen:

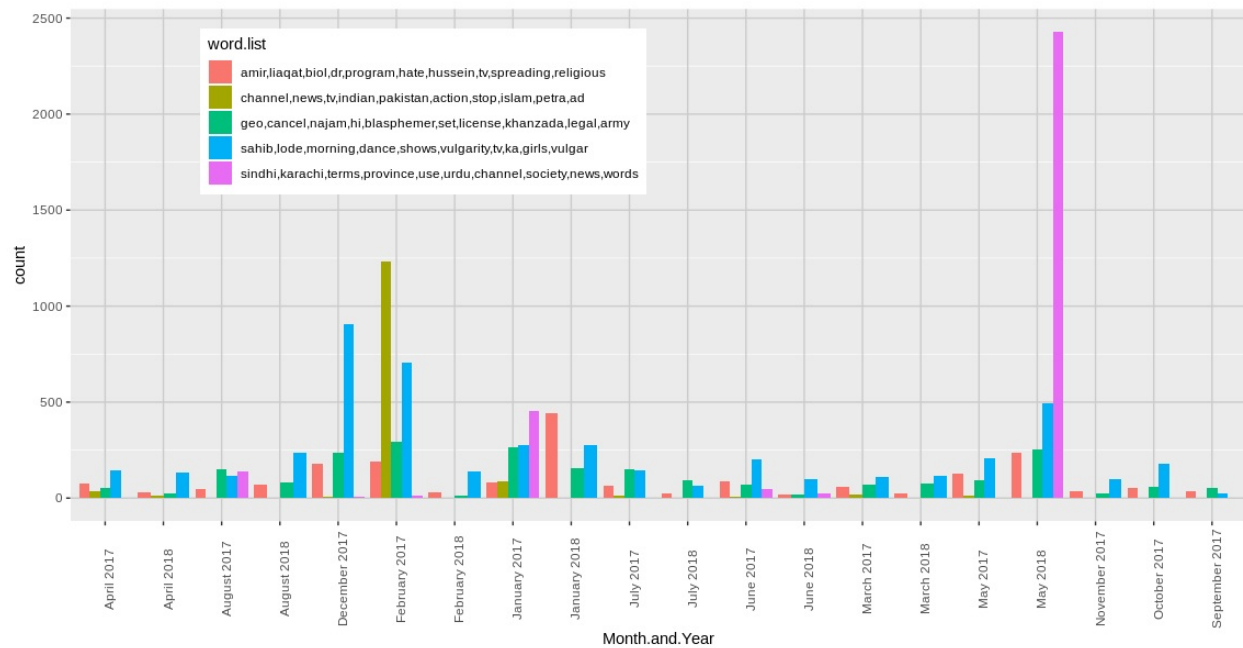


yahan May 2018 bohot extreme value h,  
 Note: agar May 2018 ki Complaints ko hata kar dekha jay to BOL  
 News ka ratio total Complaints me sy 0.17 h

Complaints for Bol News in May 2018:  
 3077

unique Complaint:  
 3002

duplicate complaints:  
 75



is plot sy ye pata chal k may 2018 ki wajah darasal <sindhi, karachi....> wala group h,  
ab is group k bary me kuch statistics:

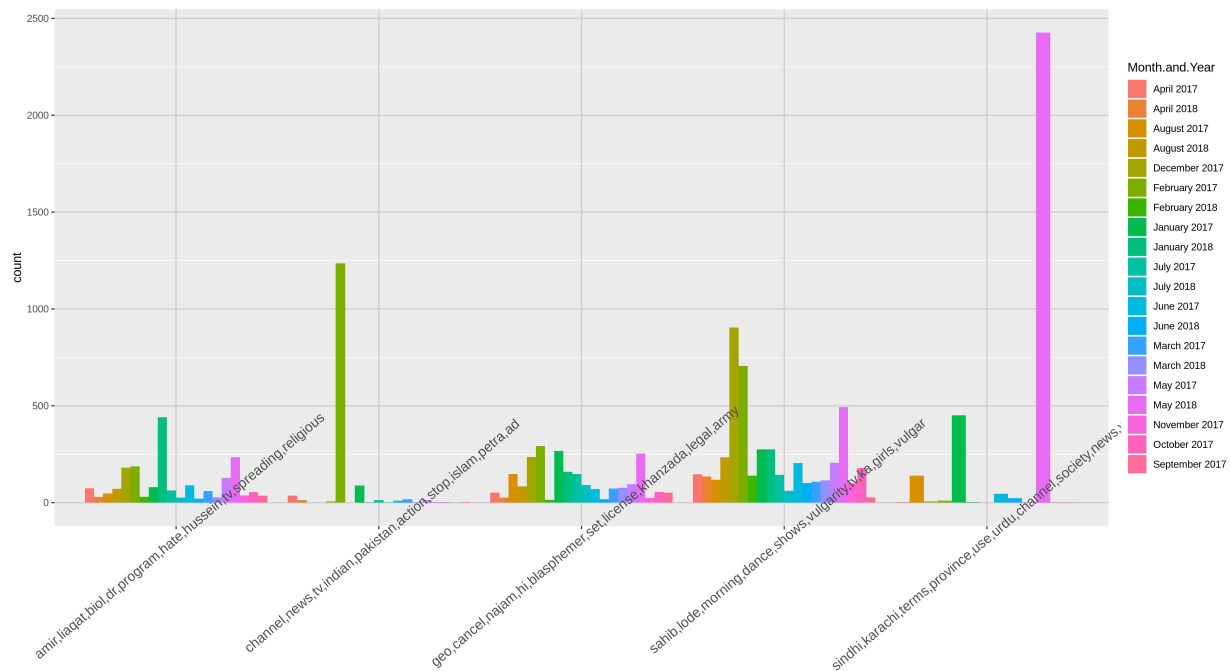
ye group

<sindhi, karachi, terms, province, use, urdu, channel, society, news, words>

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is group ki is month me 2426 Complains hen. (~71% of this month)

is data me ye group 3119 times aaya h ( $3119 / 2426 = \sim 78\%$ )



word.list

cd Dropbox/LFD/LFD\ NLP\ (clustering)\ PEMRA\ COMPLSINTS/  
shotwell R\_plot\_2.png

yahan 2 extreme values hen:

1- May 2018:

- Complains Qty.: 3410
- <sindhi,karachi,terms,province,use,urdu,channel,society,news,wo  
is group ki is month me 2426 Complains hen. (~71% of this  
month)  
is data me ye group 3119 times aaya h ( $3119 / 2426 =$   
~78%)

2- February 2017:

Complains Qty.: 2433

<channel,news,tv,indian,pakistan,action,stop,islam,petra,ad>

is group ki is month me 1235 Complains hen. (~51% of this month)

is data me ye group total 1455 times aaya h ( $1235 / 1455 = \sim 85 \%$ )

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five samples from each cluster

group: 1

(amir, liaqat, biol, dr, program, hate, hussein, tv, spreading

Complain 1: there is a morning show hosted by sahib l

Complain 2: they operate some unwanted political show

Complain 3: sahib lode morning show dance of underage

Complain 4: block amir liquid shows

Complain 5: dear sir can you not have to seen show of

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group: 2

(channel,news,tv,indian,pakistan,action,stop,islam,pet

Complain 1: ban Geo they are creating violation and a

Complain 2: Geo supported blasphemers ban Geo

Complain 3: ban Geo immediately cancel its license ta

Complain 4: owners of Geo supports the enemies of Isl

Complain 5: we are disturbed by Geo and its so called

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group: 3

(geo, cancel, najam, hi, blasphemer, set, license, khanzada, l

Complain 1: i would like to bring this in your notice

Complain 2: please watch below mentioned short video

Complain 3: dear pta team all the Urdu media news cha

Complain 4: hi my name is Layla and i wanted to file

Complain 5: i would like to bring this in your notice

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group: 4

(sahib, lode, morning, dance, shows, vulgarity, tv, ka, girls,

Complain 1: as it is declared by Petra that no Indian

Complain 2: the way we communicate is evolving as we

Complain 3: this TV black mail institutes and persons

Complain 4: falsely ac cussing individuals of serious



Complain 5: the airy news propagated wrong news about

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group: 5

(sindhi, karachi, terms, province, use, urdu, channel, society)

Complain 1: Mr Petra chairman are you Muslim first of

Complain 2: dreamier liaqat should be ban he is doing

Complain 3: amir liaqat is fuelling sectarianism firq

Complain 4: hate speech targeting a tribe ban amir li

Complain 5: the show hosted on biol news by amir liaqat is full of lies and degrading social values and humiliation for different communities the show comprises of news which are not fact but on aired just to create chaos rumours and disrespect amir liaqat has consistently targeted different communities in his previous programs on different channel amir liaqat must be ban on electronic media as his shows are full of lies against our social values and disrespecting different communities and individuals in Pakistan he is a threat to our national integrity causing disrespect for different ethnic communities so he must be ban on electronic media