### **PROJECT POSTER**



Character analysis of a person
K.Hema Anmisha,Aparna.R,P.NityaSree | Nagaraj SV | SITE

Motivation/Introduction

Results:

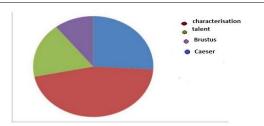
Personality identification of a human being by their nature an old technique. Earlier these were done manually by spending lot of time to predict the nature of the person. Data mining is primarily used today by companies with a strong consumer focus - retail, financial, communication, and marketing organizations.

### SCOPE of the Project

Social network analysis has increased tremendously in recent times. To extract the personality of the authors on the social networking websites is very useful for much application in various domain like including job success, attractiveness, marital and happiness. Personality detection from text means to extract the behavior characteristics of authors written the text.

## Methodology

This project comes across areas where it has access to large amounts of person behavioral data. This data can be helpful to classify persons using Automated personality classification (APC). In this project, the system proposes an advanced APC – automated personality classification system. The system uses learning algorithms like Naive Bayes and SVM, Decision tree along with advanced data mining to mine user characteristics data and learn from the patterns. This learning can now be used to classify/predict user personality based on past classifications. The system analyses vast user characteristics and behaviors and based on the patterns observed, it stores its own user characteristics patterns in a database. The system now predicts new user personality based on personality data stored by classification of previous user data. This system is useful to social networks as well as various ad selling online networks to classify user personality and sell more relevant ads.



The outcome expected is a character of a Person. The user character is examined and which personality of the movie does the user resemble is the expected outcome.

### Conclusion/Summary

It has access to large amounts of person behavioral data. Helps to classify people using Automated personality classification (APC). In this project, the system proposes an advanced APC – automated personality classification system. The system uses learning algorithms like Naive Bayes and SVM, Decision tree along with advanced data mining to mine user characteristics data and learn from the patterns.

#### Contact:

paladugunitya@gmail.com anmishaklvn@gmail.com aparna99.ramesh@gmail.com

# References

[1] Fazel Keshtkar, Candice Burkett, Haiying Li and Arthur C. Graesser, Using Data Mining Techniques to Detect the Personality of Players in an Educational Game
[2] R. Wald, T. M. Khoshgoftaar, A. Napolitano Using Twitter Content to Predict Psychopathy
[3] Yago Saez, Carlos Navarro, Asuncion Mochon and Pedro Isasi, A system for personality and happiness detection.

[4]Aleksandar Kartelj, Vladimir Filipović, Veljko Milutinović, Novel approaches to automated personality classification: Ideas and their potentials.