**Project Title**: Personality Prediction

Predicting human behavior and personality from the social media applications like Facebook, Twitter is achieving tremendous attention among researchers. Statistical information about the human thoughts is essential assets for research in predicting various human behavior and personality. The corporate world today does not focus just on the skills a potential employee possesses but also their personality. Personality is what helps one to be successful in their professional as well as their personal life.

This project is based on identifying the personality of an individual using machine learning algorithms and big 5 models which is known as the OCEAN model. When the statistical analysis is applied to personality survey data, some words are used to describe the personality of the person accurately.

**Open to Experience:** It involves various dimensions, like imagination, sensitivity, attentiveness, preference to variety, and curiosity.

**Conscientiousness:** This trait is used to describe the carefulness and diligence of the person. It is the quality that describes how organized and efficient a person is.

**Extraversion:** It is the trait that describes how the best candidates can interact with people that is how good are his/her social skills.

**Agreeableness:** It is a quality that analyses the individual behavior based on the generosity, sympathy, cooperativeness, and ability to adjust with people.

**Neuroticism:** This trait usually describes a person to have mood swings and has extreme expressive power.

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