

Event Recommendation System:

Algorithm:

1. TFIDF Vectorizer to deal with textual data and feature extraction from texts.
2. Linear SVC for classification of texts into one of the Domain/Events.
3. Content Based Filtering: A *Content-based recommendation system* / *Intent-based recommendation system* tries to recommend items to users based on their profile. The user's profile revolves around that user's preferences and tastes. It is shaped based on user ratings.

Architecture:

1. **DATA** - Employee preferences for Domains and Interest.
 - Dataset for training the NLP model.
2. **USER** - Cloud Counselage Authority to get recommendations to send it to the concerned employees.

Flow Chart of Model:

