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PDOG

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Assignment-4

* Aim:- watson personality insight. suggest the user suitable books or movies based on his personality traits. Download a speech or blog of the user & use IBM watson personality insights to provide which books or movies he would like.

* Objective:-
  - To study & explore IBM watson personality insight API.
  - To learn concepts of personality traits & recommendation based on that.

* Theory:-
  - Explain methods used in personality insights.
  1) Use linguistic analytic to infer individual personality charateristics including use of needs & value from digital communication such as email, blogs, etc.

* Extroversion:
+ve energy, +ve emotions confidence, sociability & the tendency to explore simulation in the organisation with other & is extroversion. It contradicts outgoing or energetic behaviour with solitary.

* Agreeableness:-
It is the tendency of being compassionable & cooperative instead of disrespected & antagonistic towards each other.

* Emotional stability:
It contradicts sensitive or nervous nature with ~~because~~ accuse or confidently are. Being bias towards experiencing unpleasant emotions easily, like anger, anxiety, depression etc.

* Recommendation based on personality insights.
- multiple users will have multiple choices, personalities traits each users will have different insights based on their insights.

- Now multiple users choices, personalities are taken into consideration & after a certain evaluation, the next user, will get the chain of recommendation based on their personality ~~for~~ traits.

- developed overtime this method needs data sets consisting of different user personalities.

* -> Platform : 64 bit OS linux, IBM watson cloud JSON.

* Input :- user blog, text, user's speech

* output :- User personality traits analysis.

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* conclusion :- Hence, learned the concepts of users personality traits & recommendation using IBM watson personality insights

* FAQ

1) List & explain algorithm used in recommendation system?

=> Basic algorithms used in recommendation System :-

1) Non-personafied recommenders
They are non-personalised in the sense the some recommendation is given to all.

2) Content Based recommenders :-
These types of algorithms are first represented by these attributes. A user profile is the built by taking user rating on these attributes.

3)

3) Collaberative Filtering :
It is a method of making automatic prediction or Filtering about the interests of user by collective preferences or taste info From many users.
- user - user
- item - item

Q2 Explain how recommendation system is useful For business.

=> 1) Recommender system are machine learning tech, that server the best advice for buyer

2) Recommender Systems can help business Filter out top public demand items, o/w which in turn helps them increase there efficiency in profit.

3) With recommender Systems businesses can cater to the public needs or clients demands instead of costing there resources on non-useful things & not wasting or leaking resources.