**Olasumbo Banjoko** 11.7.2021

Segment: **Data gathering and Introspection**

Task is to make recommendations using 3 methods, we deliberate and choose:

Popularity based works on the principle of how

* popular the job is or
* higher grade more tendency to be employed,
* workplaces with more hire are likely to hire.

Content based uses attributes of jobs/hire i.e., item. User to make recommendations

Collaborative filtering, we recommend jobs by hires i.e., in our case jobs gotten that enable exploration of content such as male and female.

Making our recommendation would involve looking at the data and currently:

Proposed training data: **train\_Nigeria Graduate destination:**

Job gotten i.e., hire or no hire in yes, no, ongoing, gender, reason for impressions and nlp, year since graduation to determine length of unemployment, school and maybe degree and grade.

(5220 data rows).

**Test data**

Still in processing since I saw others today but we have test\_unemp.csv with no hire or history of hires.

User feature (age, gender,

Univ., marriage etc.)

LIKE/DISLIKE i.e., hire or no hire

History of Unemployment

classifiers

Employment feature i.e., hire or no hire and grade