The dataset we are going to analyze is from ‘2013 Graduates Occupational Mobility Survey in Korea' researched by Korea Employment Information Service. The reason why we choose this dataset is that we want to know what factor has close relationship with Graduates’ job employment. To find out the relationship, we choose five factors with 6616 observations among hundreds of variables in the raw data; GENDER, AGE, GPA, ENG\_SCORE and INTERN\_DUMMY.

Factor 'GENDER' is one of what we want to seek. In Korea, sexual discrimination in employment field is severe. We assume that so called 'Glass Ceiling' can affect when getting a job in Korea. Therefore, we pick 1 as male, and 0 as female in gender variables. ‘GPA’ is students' grades so it is essential source for entering company. 'ENG\_SCORE' variable is Certified English Test including TOEIC, TOEFL PBT·CBT·IBT, and TEPS which is converted by standard criteria. ‘AGE’ variable is Korean birth standard. This factor influences employment field. Because we consider that internship experience can affects employment, factor 'INTERN\_DUMMY' is also included in our dataset. The value '1' means the graduate student who has internship experience, and the other is opposite. From now with these five variables, we will analyze the effects to job employment.