Report of Analysis on BDjobs Data(2016 - 2021)

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1 Software Engineer

True in table 1 means that there was significant difference in the job post during that time period.

In **Electronics / Consumers Durables** field there was a significant change in vacancy for software Engineer from 2016 to 2017 and 2017 to 2018. But Surprisingly there was no change from 2016 to 2018 i.e. in a two yr period. The explanation for this is the graph. From 16 to 17 in dropped abruptly and again from 17 to 18 it raised. So, on a two year run there was no significant difference but on one year run there was. Same pattern follows for Manufacturing Industries. See figure 1.1 for details.

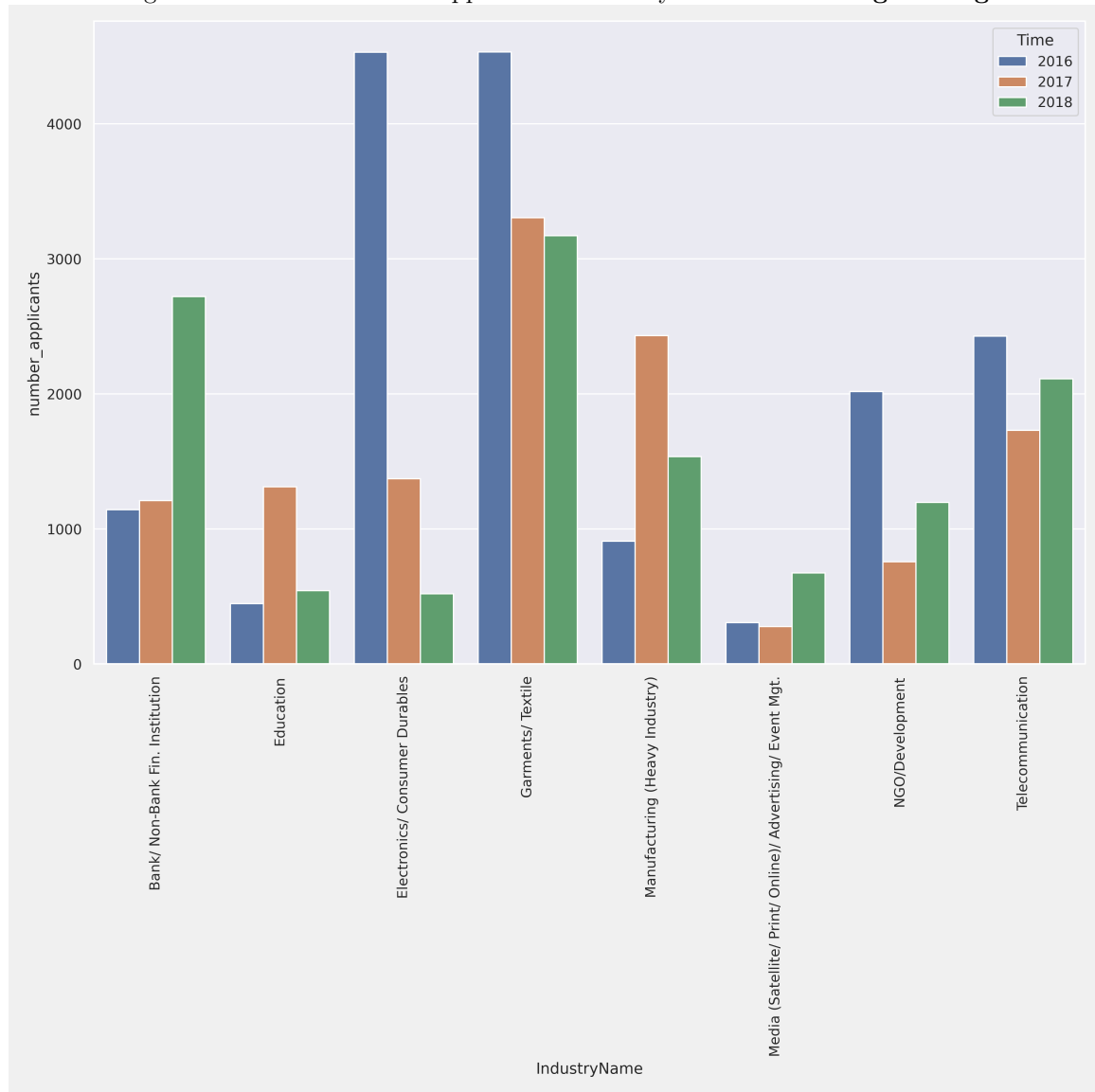### 1.1 Analysis of Total Applicant based on Top industries

See figure 1.1 for details.

Table 1: Analysis of Total Applicant based on Top industries
"Tables/Software Engineer$_number_applicants_t test.csv$"

1.2 Analysis of Total Vacancy based on Top industries

See figure 1.2 for details.

Figure 1: Total Numbers of Applicant in Industry for **Software Engineering**

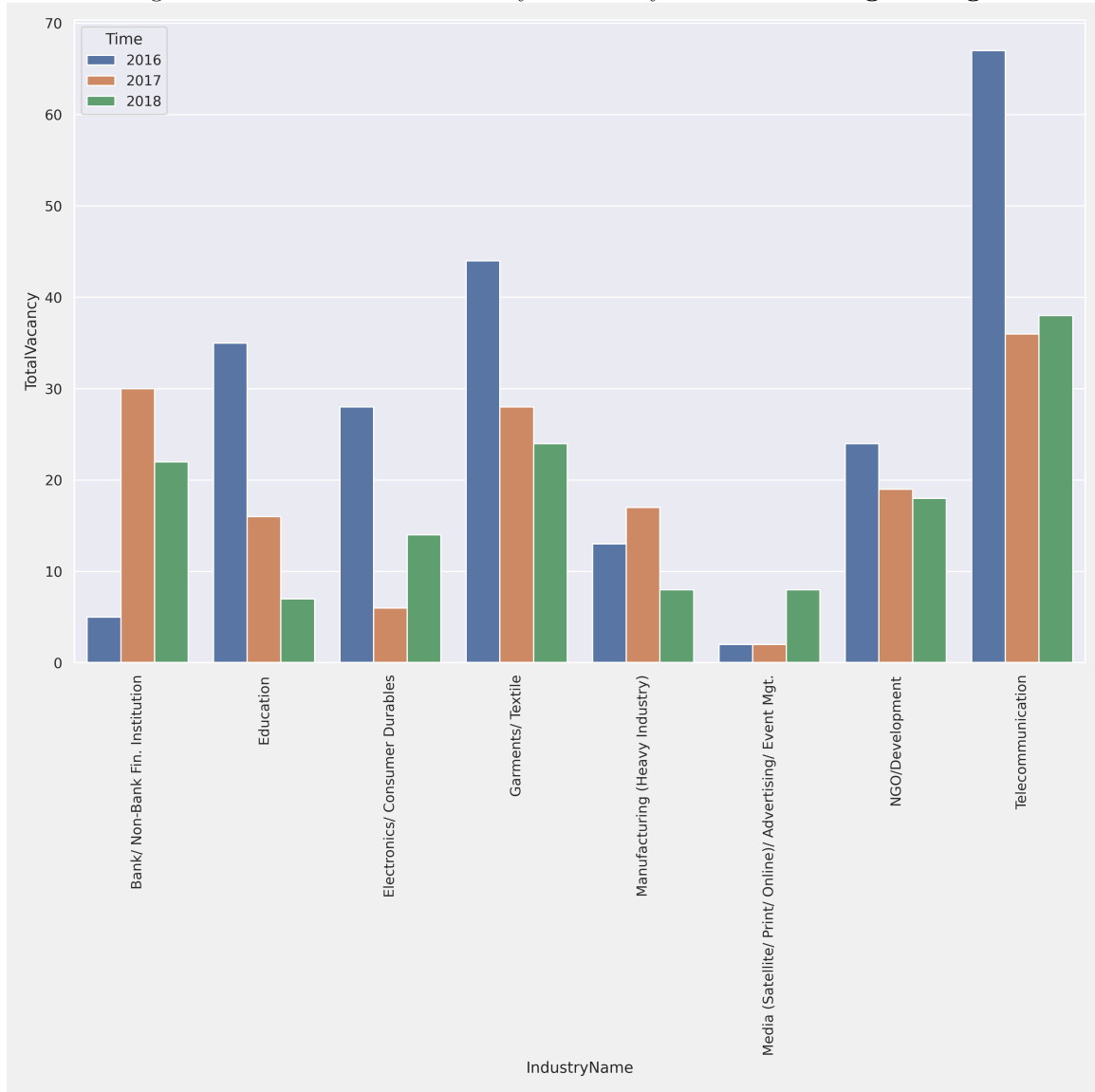## 1.3 Analysis of Total Female based on Top industries

See figure 1.3 for details.

Table 2: Analysis of Total Vacancy based on Top industries
"Tables/Software Engineer$_T otalV acancy_t test.csv$"

2 Web Developer

2.1 Analysis of Total Vacancy based on Top industries

See figure **??** for details.

Figure 2: Total Numbers of Vacancy in Industry for **Software Engineering**

2.2 Analysis of Total Applicant based on Top industries

See figure **??** for details.

Table 3: Analysis of Total Female based on Top industries
"Tables/Software Engineer$_F emaleGender_t test.csv$"

2.3 Analysis of Total Female based on Top industries

See figure **??** for details.

Figure 3: Total Numbers of Female in Industry for **Software Engineering**