**Issue:**

USA being a land of opportunities, most of the immigrants working here need to hold a H1-B visa as work permit. For filing a H1-B visa, one has to be certified with minimum requirements. The Case\_Status field denotes the status of the application after LCA processing. Case\_status: “Certified” does not mean the applicant got his/her H-1B visa approved, it just means that he/she is eligible to file an H-1B. On this fact we are looking into various aspects that USCIS considers for the eligibility to file H1B visa.

For this we have taken H1-B visa data collected from 2011 to 2016. The various factors include, Job Title, Occupation name, Full time position or Part time position, Prevailing Wage and working location.

Source: <https://www.kaggle.com/nsharan/h-1b-visa>

**Interpretations from Analysis:**

* The case status distribution from 2011 to 2016 gives the “Certified” cases to be in large number of 2,615,623 comparative to other cases. There are 94,346 “Denial” cases which shows that there is a high 90% chance around 90% of H1-B to get filed.
* From the line graph Year vs No. of records, as the years are passing the number of employees certified for filing a H1-B visa is gradually increasing to 56,646k which indicates that the working opportunities have increased in the US market for immigrants. The denial rate for filing the petitions is also reduced to 47,092 to confirm this.
* Considering the factor that if an employee is Full time working or Part time working, around 74% of the cases with full time position are “Certified”. Only 12% of the cases without full time position are “Certified”. Therefore, we can say there is high probability of being eligible to file a H1-B when an employee is in full time position.
* With respect to Standard Occupational Classification (SOC) system, filtering top 20 SOC\_codes, occupations associated with Computer System Analysts with an average wage of $69,673, Computer Programmers with an average wage of $63,553, Software Developers with an average wage of $83,227 are leading in eligibility criteria to file for H1-B visa.
* Among the Employer’s who are submitting the H1-B application, Infosys Ltd. has the highest share of employees who are eligible to file. TATA Consultancy Services Ltd., Wipro Ltd. follow in order.

**Conclusion:**

After the LCA Processing, the “Certified” applications are filed with USCIS for H-1B approval. USCIS would process the application from a better employer. Hence an employee has to choose an employer such that the “certified” cases rate is relatively high, like Infosys Ltd. and that offers an IT job with minimum salary around $65,000. It is better if the employee choses to work in California or Texas for more probability to get certified.

