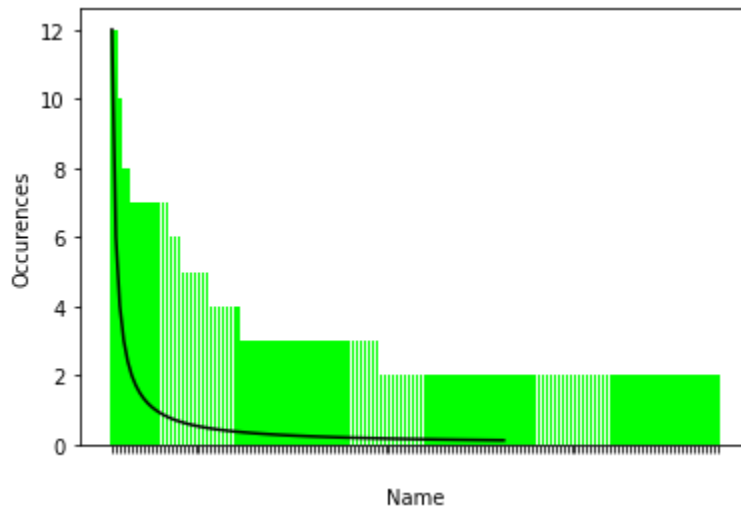


# Analysis of Name Popularity in Vidya Mandir

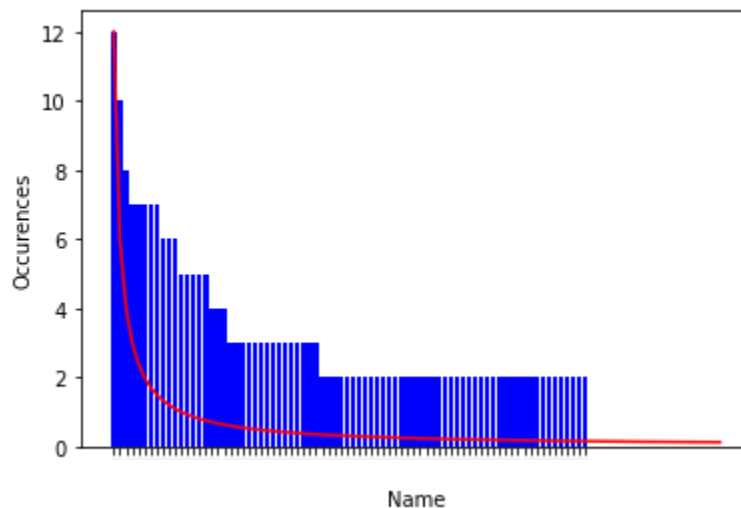
By Esraaj Sarkar Gupta 11A

After examining the popularity of names from both middle school and high school, it is concluded that the commonness of names does not appear to follow [Zipf's Law](#), possibly due to the lack of a large enough database.

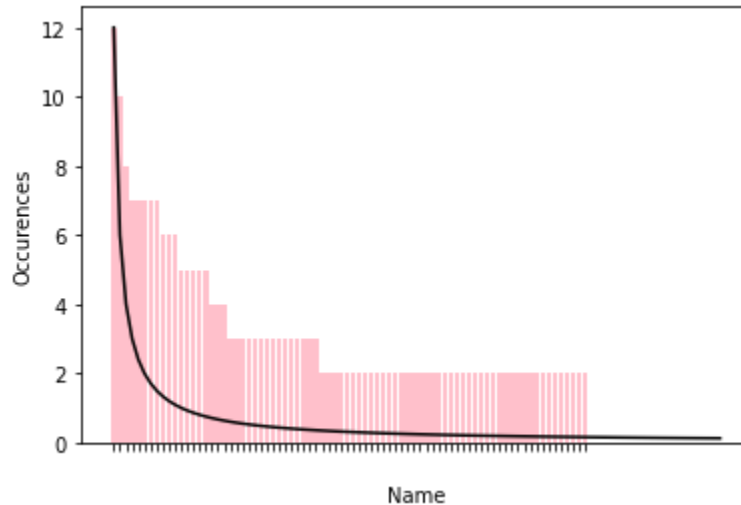
Distribution of total number of names:



Distribution of male names:



### Distribution of female names:



As visualised in these graphs, the Zipf distribution cannot be observed in any of the sets of data. The line represents the path that a Zipf distribution is expected to follow.

### Most popular names

#### **Boys:**

- 1) Pranav: 12 occurrences
- 2) Anirudh: 10 occurrences
- 3) Sanjay: 8 occurrences

#### **Girls:**

- 1) Ananya: 12 occurrences
- 2) Shreenidhi: 8 occurrences
- 3) Akshara: 7 occurrences

*Several references claim to find that the frequency of names follow Zipf's Law.*

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