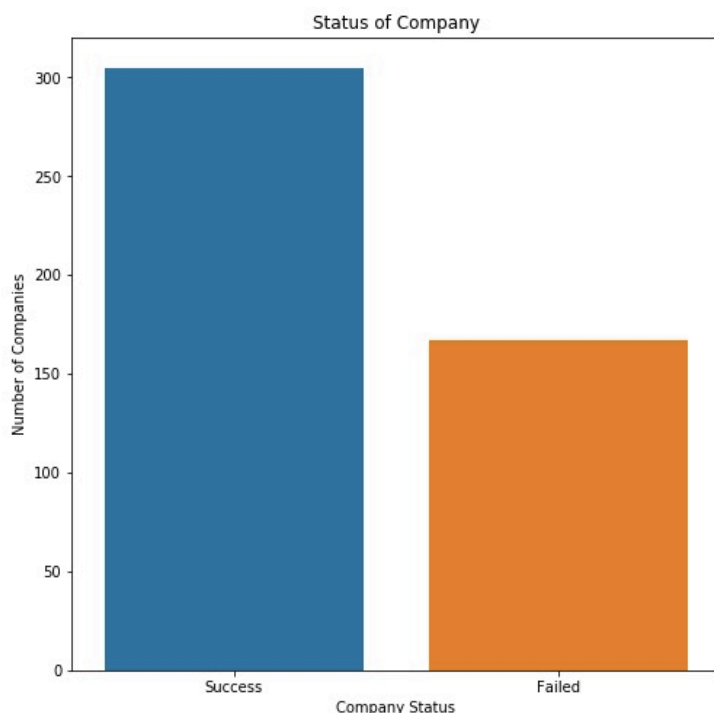# Startup Success Analysis

Team: TwoPlusOneEqualsThree
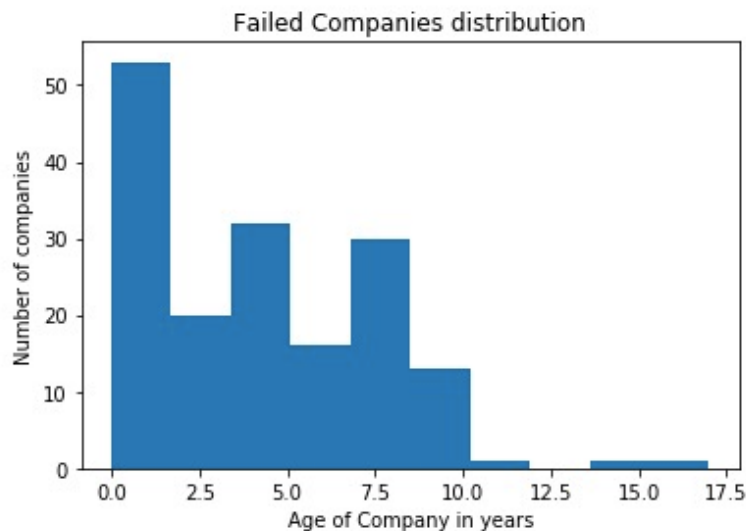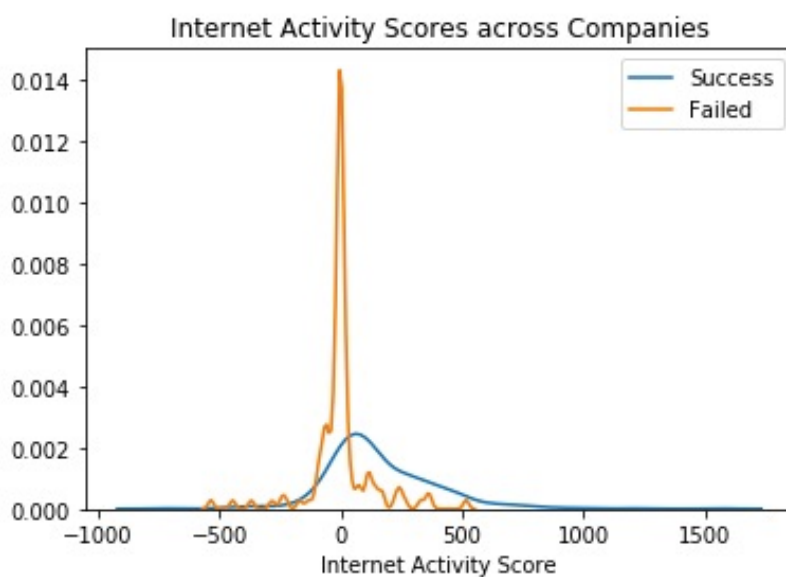Submission Date: 30th September 2020

Summary of EDA and Visualisations:

• The given dataset has 472 rows and 116 columns of real companies which have been made anonymous.
• Out of the 116 columns, only 8 are numeric and can be used as is.
• 18 Columns have NaN values
   1. Age of company in years 44
   2. Internet Activity Score 65
   3. Short Description of company profile 149
   4. Industry of company 124
   5. Focus functions of company 30
   6. Investors 140
   7. Employee Count 166
   8. Employees count MoM change 205
   9. Has the team size grown 50
   10. Est. Founding Date 109
   11. Last Funding Date 122
   12. Last Funding Amount 160
   13. Country of company 71
   14. Continent of company 71
   15. Specialization of highest education 97
   16. Industry trend in investing 82
   17. Gartner hype cycle stage 172
   18. Time to maturity of technology (in years) 172

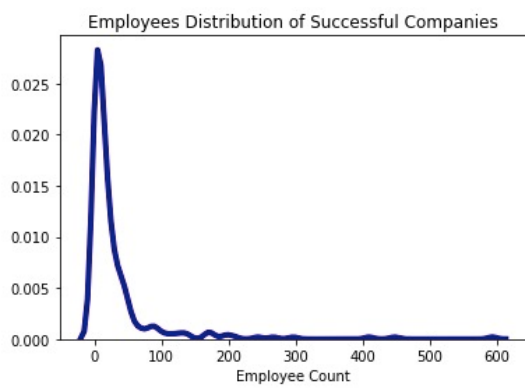• There are 305 successful companies and 167 failed companies

- Companies that failed majorly lasted between a few months to 2 years.
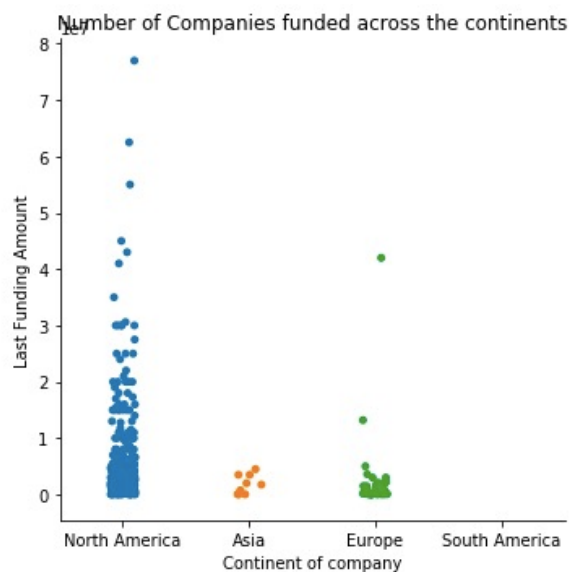

Failed Companies distribution

- The successful companies have a roughly normal distribution of their internet activity scores whereas the failed companies have their scores concentrated near the zero mark

Internet Activity Scores across Companies

- Successful companies, on average, have more employees than failed companies

- Majority of the companies that received funding are from North America and very few companies from South America, which haven't been captured

- Successful Companies from Asia have a high variation of the number of employees present.

Number of Employees across Companies in Different Continents

- Number of Senior Leadership roles is more in Successful companies than in Failed Companies

Senior Leadership Roles across Companies