## **Business Analytics for Beginners Using R - Part I**

CAX Username:

Full Name:

Date:

**NOTE**: Please complete all sections in as much detail as possible and with supporting analysis. Each section should be answered. **Page Limit:** None.

--------------------------------------------------------------------------------------------------------------------------------------To be eligible for certification solvers need to submit a detailed report covering below mentioned sections:

--------------------------------------------------------------------------------------------------------------------------------------

Section 1: How the data was treated including missing value?

Column :- values were capped at 12.5

### Section 2: Details of additional features created

### Section 3: Graphical presentation of your exploration and its interpretation

### Section 4: Details of statistical tests conducted and its interpretation

### Section 5: Summary of your exploration

Target Variable :- Dependent-Company Status

Hypothesis:-

1. High Internet Activity Score denotes popularity so success.
2. Industry of company will also denotes success as some industry are more ripe for start-ups.
3. Last Funding amount directly proportional to success
4. Presence of a top angel or venture fund in previous round of investment will denotes success
5. Number of repeat investors will denote success
6. Number of Sales Support material will help making more sales so will denote success
7. Worked in top companies will denotes higher rate of success
8. Have been part of startups in the past? – more exposure and experience in starting . May denote more success
9. Have been part of successful startups in the past? – same as above
10. Was he or she partner in Big 5 consulting? – denotes better network and experience. Can be an indicator of success
11. Catering to product/service across verticals – more range of product. Give more chance of survival.
12. Focus on consumer data?- It can denotes relative success as more focus on consumer data will mean more information about consumer buying process.
13. Capital intensive business – indirectly proportional to success