

DATA ANALYSIS REPORT FOR bharathlisting.com

Summary of the data:

> summary(data)

Category		Company_Name	
Education	: 503	Alliance International	: 17
Professional Service	: 440	Best ias coaching in Bangalore	: 9
Auto	: 427	Fairdeal Agencies (Prop. Goyal Agencies Pvt. Ltd.)	: 6
Computer	: 346	Leading IT Trainings	: 6
Shopping	: 310	Arogya Hospital	: 5
Travel	: 280	onlinedelivery	: 5
(Other)	:1619	(Other)	:3877
Address		Pincode	Phone
delhi	: 25	: 304	: 940
Bangalore	: 22	201301 : 107	+91 7290029556: 29
Park Centra 307-309 Block A Sector 31	: 18	122001 : 81	+91 9821484328: 13
Delhi	: 13	400004 : 51	9545952552 : 13
Hyderabad	: 11	110096 : 47	7357 839708 : 12
Ameerpet	: 9	(Other):3294	(Other) :2171
(Other)	:3827	NA's : 41	NA's : 747
		website	Email
		: 669	View Email :1136
http://www.allianceinternational.co.in/		: 17	: 289
http://micronmetal.net/sheetsplatescoils.html		: 12	kartohomecontact@gmail.com : 29
http://www.micronmetal.net/sheetsplatescoils.html		: 6	nikkusharma3322@gmail.com : 20
http://rcptec.com/stock-market-online-training-hyderabad:		5	newstylecloths@gmail.com : 19
(Other)		:2469	info@laptopserviceatgbs.com: 12
NA's		: 747	(Other) :2420
Name			
Mode:logical			
NA's:3925			

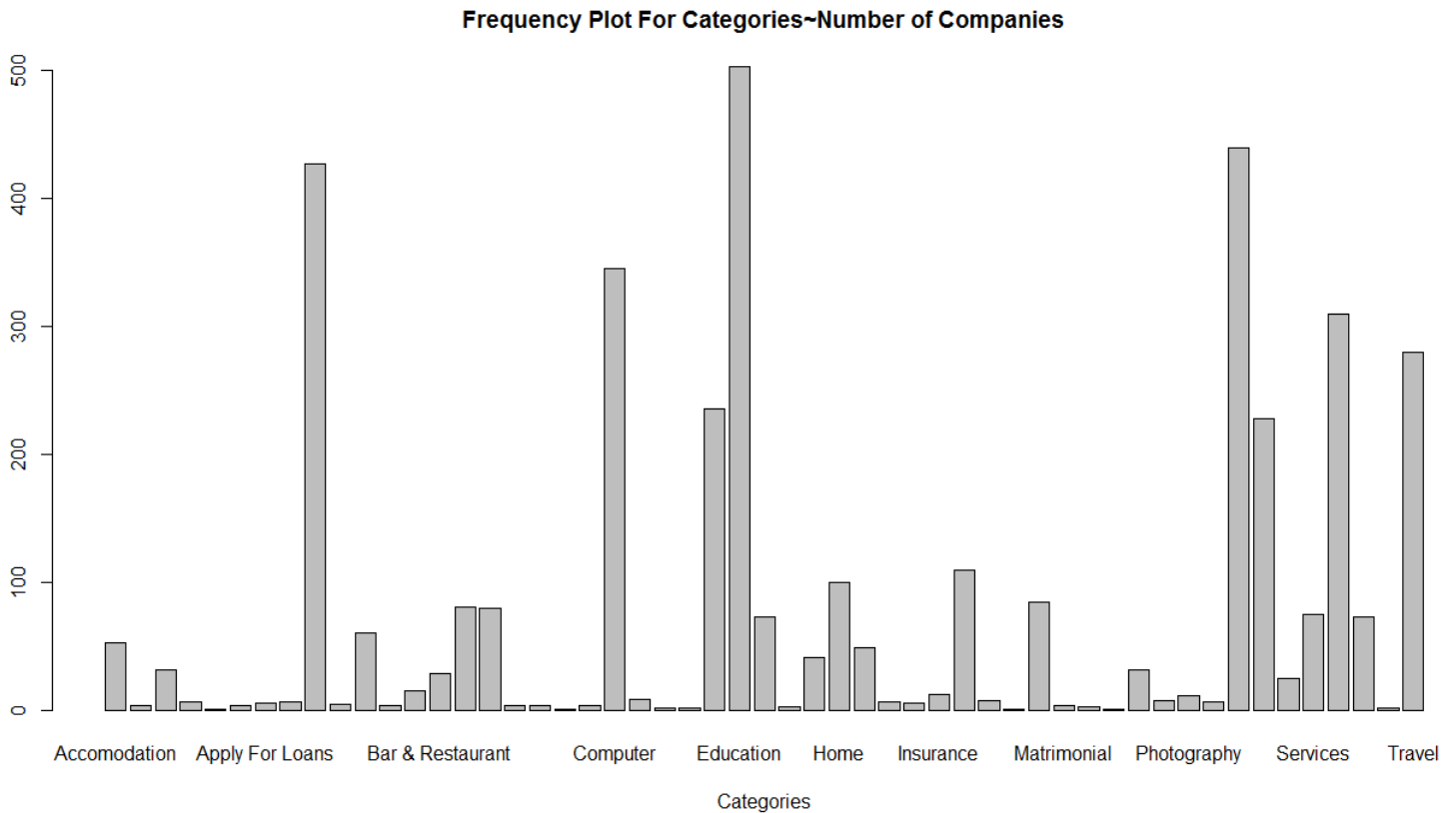
Information from above result:

- Category – Education has highest numbers of companies followed by Professional Service and auto.
- There are several companies which are repeating, we need to further check whether they belong to single category or same one. As per category, we must remove some duplicate companies with same mail id.
- Most of the companies have offices in Delhi followed by Bangalore.
- 107 companies are located in same area as having same pincode – 201301 followed by 81 companies in 122001
- 29 companies have same phone as +91 7290029556, followed by 13 having +91 9821484328 and few more which infers that there might be few companies using same phone either as a sister firm or companies with different name doing same business to reduces taxes.

Plot for Categories to have good visualization:

```
plot(Category, main = "Frequency Plot For Categories~Number of Companies",xlab = "Categories")
```

```
table(Category)
```



Category				
Accommodation	Accounting	Advertisement	Agriculture	Airtickets
53	4	32	7	1
Any thing on hire	Apply For Loans	Art & Culture	Auto	Auto Care
4	6	7	427	5
B2B	Baby Care	Bank & Finance	Bar & Restaurant	Beauty
61	4	16	29	81
Business	Cabs And Car Rentals	Caterers	Chemists	Civil Contractors
80	4	4	1	4
Computer	Construction	Courier	Daily Needs	Diet & Health
346	9	2	2	236
Education	Entertainment	Film & Video	Fitness	Home
503	73	3	42	100
Hospitals	Hotels & Resorts	Importers & Exporters	Insurance	IT Company
49	7	6	13	110
Jewellery & Gems	Laboratory	Manufacturers	Matrimonial	Media
8	1	85	4	3

Music	Others	Pet & Animal	Photography	Printing & Publishing
1	32	8	12	7
Professional Service	Real Estate	SEO Company	Services	Shopping
440	228	25	75	310
Store	Students	Travel		
	73	2	280	

Anyalsis for Summary Information:

```
> unique(data$Category[data$Company_Name == "Alliance International"])
[1] Computer Professional Service
```

There are two Categories for Company - Alliance International

```
> unique(data$Company_Name[data$Phone == "+91 7290029556"])
[1] <NA> Godrej Skygardens Auris Serenity Malad
[4] Kalpataru Immensa Thane Arkade Earth Kanjurmarg Sunteck Whatacity Goregaon
[7] Runwal Forests Kanjurmarg Runwal Bliss Kanjurmarg Shapoorji Pallonji Alpine Mumbai
[10] Piramal Vaikunth Balkum Piramal Vaikunth Mumbai Kalpataru Immensa Price List
[13] Sunteck Whatacity Price Runwal Forests Price Auris Serenity Price
[16] Shapoorji Pallonji Alpine Arkade Earth Piramal Vaikunth
[19] Kalpataru Immensa Sunteck Whatacity Ariisto Celestia
[22] Arissto Codename Big Boom Godrej Emerald Runwal Forest
[25] Seth Auris Serenity
```

These Companies have Phone = "+91 7290029556"

```
> unique(data$Category[data$Pincode == "201301"])
[1] <NA> Accomodation Advertisement Apply For Loans
[5] Art & Culture Auto B2B Baby Care
[9] Bar & Restaurant Beauty Business Computer
[13] Diet & Health Education Entertainment Home
[17] Hospitals IT Company Professional Service Real Estate
[21] SEO Company Services Shopping Store
[25] Travel
```

These are unique categories which have most of their companies in location with pincode = "201301"