

**AI-DRIVEN EXPLORATION AND  
PREDICTION OF COMPANY  
REGISTRATION TRENDS WITH  
REGISTRAR OF COMPANIES (ROC)  
IN DATA PRE PROCESSING**

Phase - 3

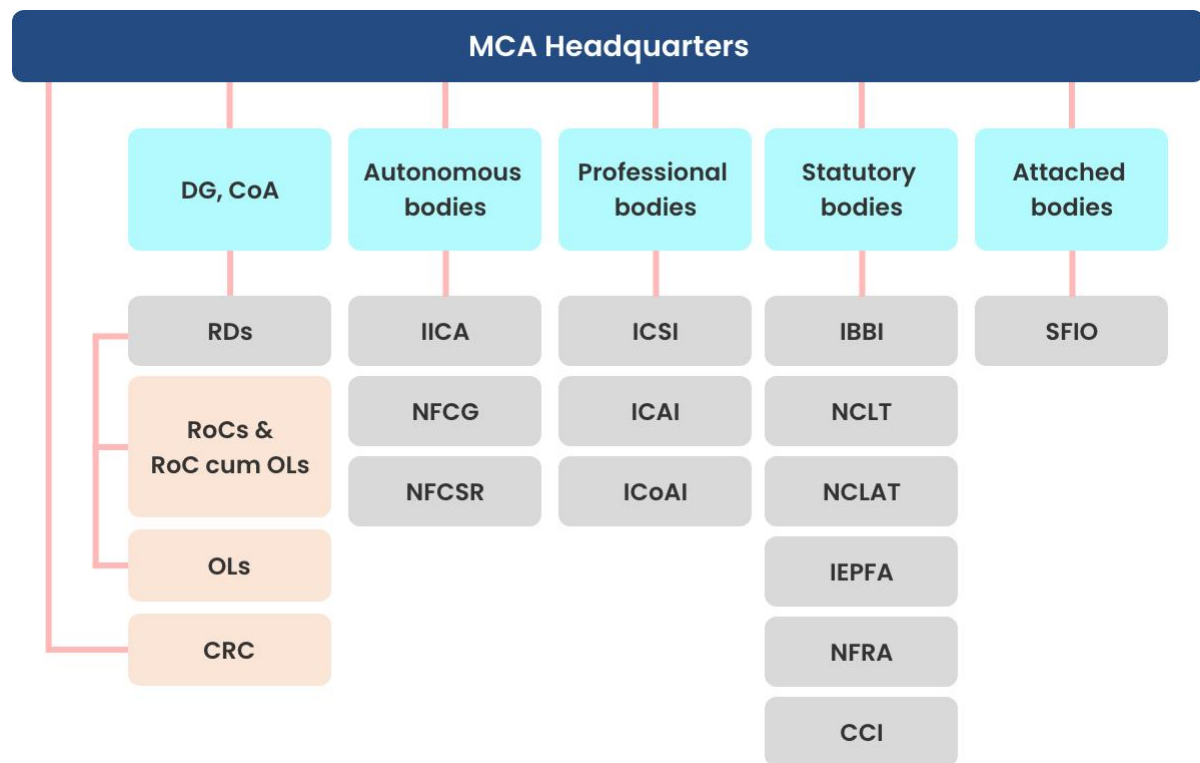
## COMPANY MASTER DATA

Get data on master details of any company registered with Registrar of Companies (RoC). Data contains various information like Corporate Identification Number(CIN), Company Name, Company Status, Company Class, Company Category, Authorized Capital in INR, Paid-up Capital in INR, Date of Registration, Registered State, Registrar of Companies, Principal Business Activity, Registered Office Address and Sub Category.



## ROC-WISE STATISTICS OF PROSECUTIONS

Get the data regarding ROC-wise statistics of prosecutions. The data has been published by Ministry of Corporate Affairs. Economic- Activity wise Active Non-Government Companies The data describes details on Economic- Activity wise Active Non-Government Companies. Data has been published by The Ministry of Corporate Affairs, Government of India.

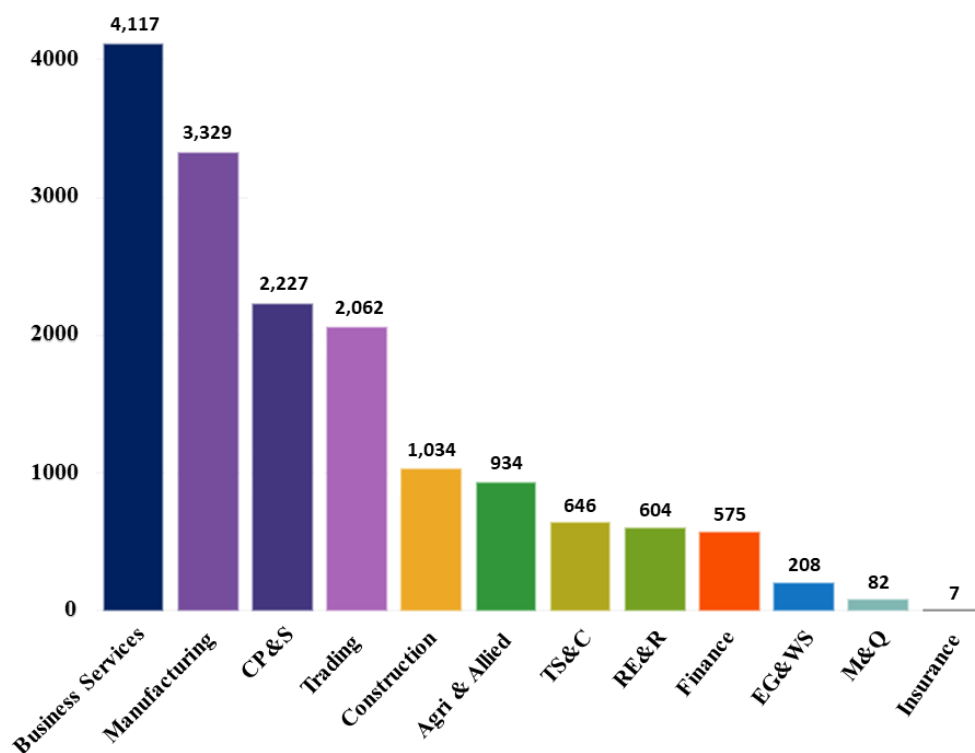


## State-wise Distribution of Number of Active Non-Government Companies Limited by Shares

Get the data details about on State-wise Distribution of Number of Active Non-Government Companies Limited by Shares. Data has been published by The Ministry of Corporate Affairs, Government of India.

## NEW REGISTRATION OF COMPANIES

A total of 15,825 companies were registered with a collective Paid-up Capital of Rs. 1056.12 Crore. Out of the total new registrations, 15,722 companies were registered as Companies Limited by Shares with a Paid-Up Capital of Rs. 1056.07 Crore, 103 companies were registered as Companies Limited by Guarantee with a Paid-Up Capital of Rs. 0.05 Crore. There was an overall decrease of 4.16% in the number of new registrations in June 2022 when compared to May 2022. (Table 5) Economic-activity wise classification of new companies registered reveals that the predominant share of companies is in Business Services (26%) followed by Manufacturing (21%), Community, personal & Social Services (14%), Trading (13%), and Construction (7%). Among the Industrial sector, Electricity, Gas and Water Supply companies observed a remarkable growth of more than 18% while in the Service Sector, Real Estate and Renting witnessed a rise of 6.15% in June 2022 in contrast to May 2022. (Table 6) \*CP&S - Community, Personal and Social Services, \*Agri & Allied - Agriculture and Allied Activities, \*RE&R - Real Estate and Renting, \*TS&C - Transport, Storage and Communications, \*EG&WS - Electricity, Gas and Water Supply Companies, \*M&Q - Mining and Quarrying Economic Activity-wise Distribution of New Registered Companies during June 2022

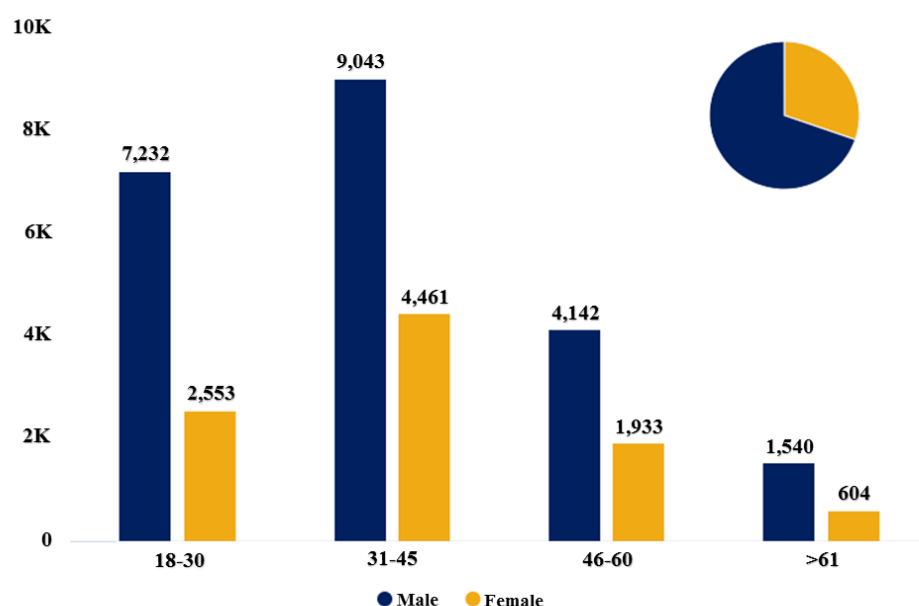


## NEW REGISTRATION OF DIRECTOR IDENTIFICATION NUMBER (DIN)

In June 2022, 32,090 Director Identification Numbers were registered out of which 98% were in use by Indian nationals and the remaining 2% were in use by Foreign nationals. Additionally, 184 DINs were deactivated. (Table 8)

Out of the total number of directors registered in India in June 2022, 70% were male and the remaining 30% were female. A close analysis on Indian Directors revealed that 43% of new directors registered belongs to age 31-45 years old, of which, 67% were male and 33% female. Furthermore, 7% of the new director registrations were older than 60 years. While Maharashtra witnessed 17% of the total registrations of Directors and North-Eastern states had 505 director registrations.

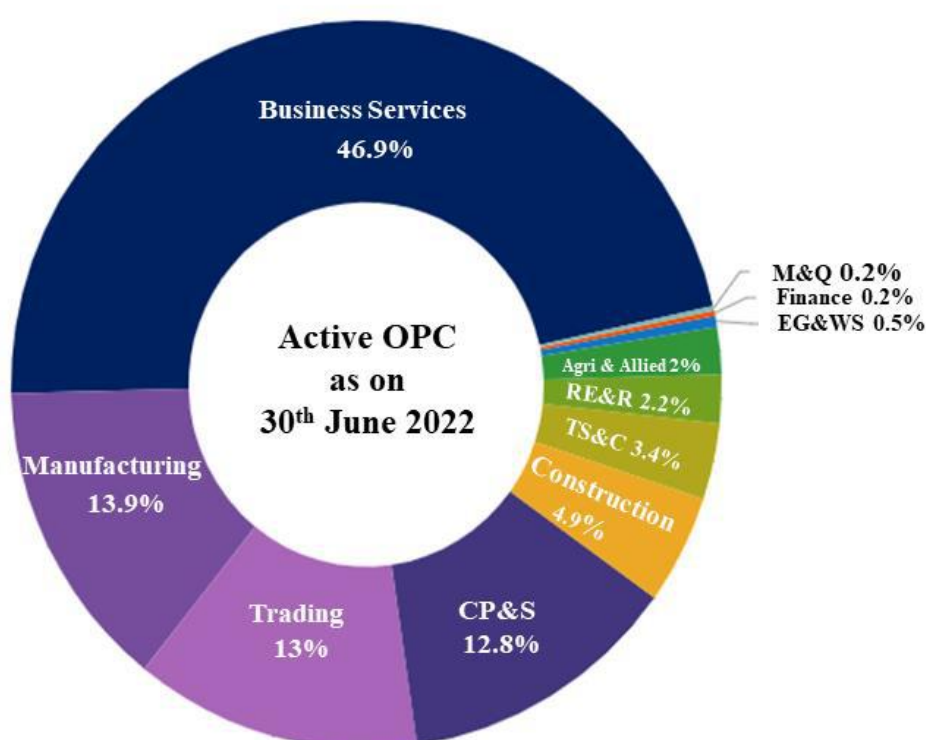
### Age/Gender wise Distribution of New Directors registered during June 2022



## ONE PERSON COMPANY

As per the recent data, opportunities given to small companies and entrepreneurs by the Government of India has proven to be beneficial for them. Till 30th June 2022, a total number of 45,447 One Person Companies were active with a collective Paid up capital of Rs. 604.76 Crore. (Table 10)

Economic Sector-wise classification shows a significant rise of 71% in the registration of One Person Companies in Agriculture and Allied Activities Sector of One Person Companies in June 2022 over May 2022

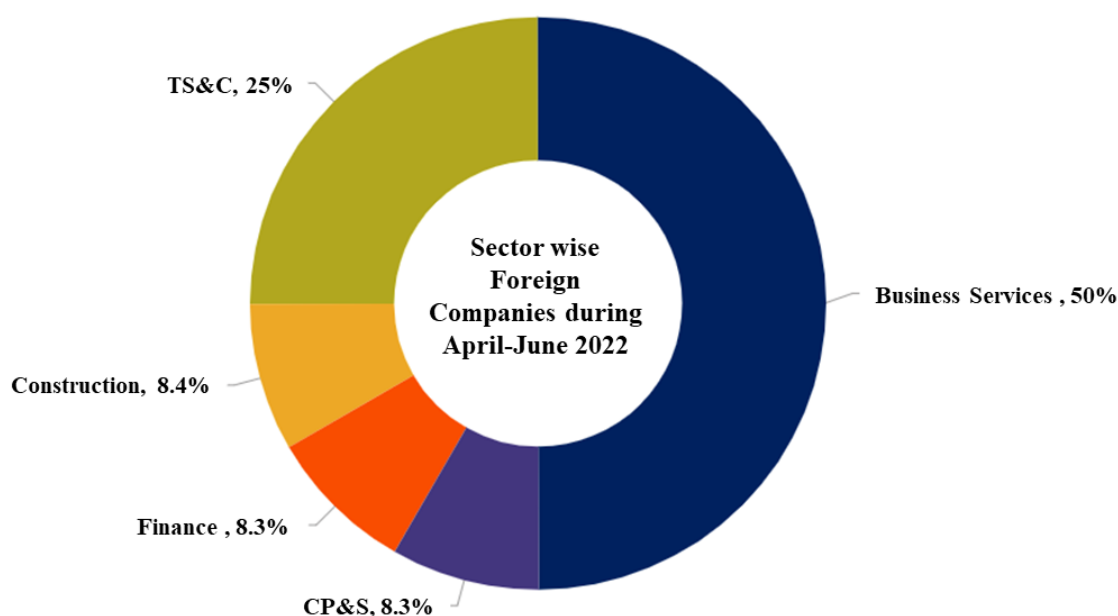


During June 2022, a total number of 929 One Person Companies were registered with a Paid-Up Capital of Rs. 8.49 Crore. Among all States/UT, Karnataka saw a huge spike of 37 One Person Companies during June 2022 as compared to May 2022

## FOREIGN COMPANY

As on 30th June 2022, there were a total of 5063 foreign companies were registered in India. Out of these, 65% were Active. Of the 12 new overseas business entities that were registered with the Ministry of Corporate Affairs during April 2022-June 2022, 50% in Maharashtra, 16% were established in Haryana, 8.3% each in Delhi and the rest in other states. When looking at the economic activity classification, it was revealed that 50% of the companies can be classified as 'Business Services'. (Table 11)

During June 2022, 75% of the new registrations of the foreign companies were established as Branch Office to perform the business operations as that of parent company and 25% as Liaison Office to act as the representative.



\*CP&S - Community, Personal and Social Services, \*Agri & Allied - Agriculture and Allied Activities, \*RE&R - Real Estate and Renting, \*TS&C – Transport, Storage and Communications, \*EG&WS - Electricity, Gas and Water Supply Companies, \*M&Q - Mining and Quarrying

## MISCELLANEOUS

- In June 2022, a total of 5,10,020 forms were filed with the Ministry of Corporate Affairs. Of which, 3,81,657 DPT-3 forms were filed, followed by 31,562 DIR-12, 28,817 MGT-14, 13,039 ADT-1, and 10,862 INC-22. (Table 12)
- □ During June 2022, a total of 14,051 companies were struck off, of which 12,015 companies' names were removed from the Register of Companies u/s 248 by the Ministry of Corporate Affairs, and 2,036 applications were received from companies to strike off their names from the register.
- □ MCA facilitates its registered users to login and view/download all the forms filed by the company. 4,41,819 documents were viewed/downloaded by the users in June 2022.
- □ During June 2022, a total of 8,77,040 Non-STP1 forms were received. Of which, 8,73,051 (99.5%) were accepted and 3,989 (0.5%) were rejected. (Table 13)
- 1 *STP stands for Straight Through Process, which does not require an approval by MCA while being accepted.*
- A total of 70,432 Public Companies and 14,10,637 Private Companies were active till 30th June 2022, after taking into account 50 Private Companies which were converted to Public Companies and 60 Public Companies that were converted to Private Companies during June 2022.



Table 1: Summary Statement on Companies in India as on 30th June, 2022		
Number of Registered Companies		23,66,549
<b>1</b>	<b>Number of Active companies</b>	<b>14,81,069</b>
	<b>Of which</b>	
<i>i</i>	<i>Companies Limited by Shares</i>	14,71,127
<i>ii</i>	<i>Companies Limited by Guarantee</i>	9,643
<i>iii</i>	<i>Unlimited Companies</i>	299
<b>2</b>	<b>Number of Closed Companies</b>	<b>8,47,513</b>
<i>i</i>	<i>No. of Companies Liquidated/Dissolved</i>	11,334
<i>ii</i>	<i>No. of Companies Defunct/ Struck-off (Section 248 of CA, 2013)</i>	7,84,841
<i>iii</i>	<i>No. of Companies Amalgamated/merged</i>	29,722
<i>iv</i>	<i>No. of Companies Converted to LLP</i>	16,740
<i>v</i>	<i>No. of Companies Converted to LLP and dissolved</i>	4,876
<b>3</b>	<b>Number of Companies lying dormant u/s 455 of Companies Act, 2013</b>	<b>2,441</b>
<b>4</b>	<b>Number of Companies under Liquidation</b>	<b>7,041</b>
<b>5</b>	<b>Number of Companies which are under the process of Striking-Off (Section 248 of the Companies Act, 2013 and Section 560 of Companies Act 1956)</b>	<b>28,485</b>

Table 2: Active Companies as on 30th June, 2022				
S. No.	Particulars	Government	Non-Government	Total
<b>1</b>	<b>Companies Limited by Shares</b>	<b>2,198</b>	<b>14,68,929</b>	<b>14,71,127</b>
<b>a</b>	<b>Public Limited</b>	<b>1,551</b>	<b>66,536</b>	<b>68,087</b>
<i>i</i>	<i>Listed</i>	79	6,662	6,741
<i>ii</i>	<i>Unlisted</i>	1,472	59,874	61,346
<b>b</b>	<b>Private Limited</b>	<b>647</b>	<b>14,02,393</b>	<b>14,03,040</b>
	<i>One Person Company</i>	0	45,447	45,447
<b>2</b>	<b>Companies Limited by Guarantee</b>	<b>30</b>	<b>9,613</b>	<b>9,643</b>
<b>a</b>	<b>Public Limited</b>	<b>10</b>	<b>2,298</b>	<b>2,308</b>
<i>i</i>	<i>Listed</i>	1	14	15
<i>ii</i>	<i>Unlisted</i>	9	2,284	2,293
<b>b</b>	<b>Private Limited</b>	<b>20</b>	<b>7,315</b>	<b>7,335</b>
<b>3</b>	<b>Companies with Unlimited Liability</b>	<b>4</b>	<b>295</b>	<b>299</b>
	<b>Total</b>	<b>2,232</b>	<b>14,78,837</b>	<b>14,81,069</b>

*# This Python 3 environment comes with many helpful analytics libraries installed*

*# It is defined by the kaggle/python Docker image: <https://github.com/kaggle/docker-python>*

*# For example, here's several helpful packages to load*

```
import numpy as np # linear algebra
```

```
import pandas as pd # data processing, CSV file I/O (e.g. pd.read_csv)
```

*# Input data files are available in the read-only "../input/" directory*

*# For example, running this (by clicking run or pressing Shift+Enter) will list all files under the input directory*

```
import os
```

```
for dirname, _, filenames in os.walk('/kaggle/input'):
```

```
    for filename in filenames:
```

```
        print(os.path.join(dirname, filename))
```

*# You can write up to 20GB to the current directory (/kaggle/working/) that gets preserved as output when you create a version using "Save & Run All"*

*# You can also write temporary files to /kaggle/temp/, but they won't be saved outside of the current session*

```
/kaggle/input/monthly-list-of-legal-entities-registered-in-india/2021_april_registered_companies.csv
```

```
In [2]:
```

```
import numpy as np
```

```
import pandas as pd
```

```
import seaborn as sns
```

```
import matplotlib.pyplot as plt
```

```
In [3]:
```

```
df=pd.read_csv("../input/monthly-list-of-legal-entities-registered-in-india/2021_april_registered_companies.csv")
```

```
In [4]:
```

```
linkcode
```

```
df.head()
```

company_name	date_of_registration	month_name	state	roc	category	class	company_type	activity_code	activity_description	
0	ANTON LOGISTICS PRIVATE LIMITED	19/04/21	Apr - 21	Tamil Nadu	RoC - Chennai	Company limited by Shares	Private	Non-govt company	63030	Transport, storage and Communications
1	TOURNAFEST GAMING PRIVATE LIMITED	29/04/21	Apr - 21	Rajasthan	RoC - Jaipur	Company limited by Shares	Private	Non-govt company	72900	Business Services
2	LINGOWORLD TRANSLATION AND INTERPRETATION SERV...	19/04/21	Apr - 21	Maharashtra	RoC - Mumbai	Company limited by Shares	Private	Non-govt company	72900	Business Services
3	SCT AGARBATTI PRODUCE R COMPANY LIMITED	19/04/21	Apr - 21	Bihar	RoC - Patna	Company limited by Shares	Private	Non-govt company	1100	Agriculture and Allied Activities
4	PUDUKUDI PRIVATE LIMITED	19/04/21	Apr - 21	Tamil Nadu	RoC - Chennai	Company limited by Shares	Private	Non-govt company	52609	Trading

df.shape

Out[5]:  
(12554, 10)

In [6]:  
df.info()

<class 'pandas.core.frame.DataFrame'>

RangeIndex: 12554 entries, 0 to 12553

### Data columns (total 10 columns):

#	Column	Non-Null Count	Dtype
0	company_name	12554 non-null	object
1	date_of_registration	12554 non-null	object
2	month_name	12554 non-null	object
3	state	12554 non-null	object
4	roc	12554 non-null	object
5	category	12554 non-null	object
6	class	12554 non-null	object
7	company_type	12554 non-null	object
8	activity_code	12554 non-null	int64
9	activity_description	12554 non-null	object

dtypes: int64(1), object(9)

memory usage: 980.9+ KB

In [7]:

```
sns.heatmap(df.corr())
```



```
fig,ax=plt.subplots(1,2,figsize=(20,5))
df['class'].value_counts().plot.pie(explode=None,ax=ax[0],autopct='%1
.1f%%',shadow=True)
ax[0].set_title("Count of Class of Companies")
ax[0].set_ylabel("Count")

sns.countplot("category",data=df,order=df['category'].value_counts().i
ndex)
ax[1].set_title("Count of types of Categories Companies are Listed")
plt.show()
```

