AI-Driven Exploration and prediction of company registration trends with registrar of companies(ROC)

510521205032:Rasmi S
Bharathidasan Engineering College
Project Title:ROC company analysis

Introduction:

In an era characterized by unprecedented growth in business and evolving regulatory landscapes, the Registrar of Companies (RoC) stands as a pivotal institution responsible for overseeing and regulating corporate entities. The RoC plays a crucial role in maintaining transparency, ensuring compliance, and fostering an environment conducive to economic development. As the volume of business registrations continues to surge, the need for

sophisticated analytical tools and predictive insights has never been more pressing.

The Registrar of Companies (ROC) plays a pivotal role in the governance and regulation of corporate entities within a country. Its mandate involves the registration, management, and oversight of businesses, ensuring compliance with statutory requirements and facilitating transparency in the corporate landscape. In this era of data-driven decision-making, conducting a comprehensive ROC Company Analysis emerges as a valuable and insightful exercise.
ROC Company Analysis involves the systematic examination of data and information provided by the Registrar of Companies pertaining to registered businesses. This data encompasses a wide array of details, including but not limited to, company registrations, financial statements, ownership structures, and compliance records. Through the prism of analytics and data science, this analysis endeavors to extract meaningful insights and predictions regarding company behaviors, industry trends, and regulatory compliance.

This project represents a fusion of technology, data science, and regulatory insight, offering a valuable resource for all stakeholders interested in the past, present, and future of company registrations within the purview of the Registrar of Companies.

Data Source:
The data source for ROC (Registrar of Companies) company analysis typically includes datasets and information provided by the Registrar of Companies or government authorities responsible for corporate registrations.

datasetLink:https://tn.data.gov.in/resource/company-master-data-tamil-nadu-upto-28th-february-2019

401	L17111TZ1981P	SUPER SALES	ACTV	Public	Company limi	Non-govt con	18-09-1981	Tamil Nadu	50000000	30715000	17111	Manufacturin	34 AKAMAR/	ROC COIMBA	secretary@	31-03-2019	31-03-2019
402	L17111TZ1984	SRI ARUMUGA	ACTV	Public	Company limi	Non-govt con	5/4/1984	Tamil Nadu	110000000	110000000	17111	Manufacturin	No 1. Sundara	ROC COIMBA	investors@a	31-03-2018	31-03-2018
403	L17111TZ1987	AMARJOTHI S	ACTV	Public	Company limi	Non-govt con	16-12-1987	Tamil Nadu	97500000	67500000	17111	Manufacturin	157KUMARAN	ROC COIMBA	mill@amarjot	31-03-2019	31-03-2019
404	L17111TZ1989	BANNARI AM	ACTV	Public	Company limi	Non-govt con	10/7/1989	Tamil Nadu	165000000	157542690	17111	Manufacturin	252METTUP	ROC COIMBA	shares@ban	31-03-2019	31-03-2019
405	L17111TZ1989	CHESLIND TE	AMAL	Public	Company limi	Non-govt con	26-07-1989	Tamil Nadu	500000000	453233350	17111	Manufacturin	8 MUDUGAN	ROC COIMBA	companysec	31-03-2014	31-03-2014
406	L17111TZ1990	BAFNA SPINN	ACTV	Public	Company limi	Non-govt con	9/2/1990	Tamil Nadu	210000000	194522000	17111	Manufacturin	48 MAYFLOW	ROC COIMBA	info@bafnag	31-03-2012	31-03-2012
407	L17111TZ1993	FLORA TEXTI	ACTV	Public	Company limi	Non-govt con	10/3/1993	Tamil Nadu	108000000	60000000	17111	Manufacturin	23 BHARATH	ROC COIMBA	floratexl@gn	31-03-2019	31-03-2019
408	L17111TZ1994	SALONA COTS	ACTV	Public	Company limi	Non-govt con	18-01-1994	Tamil Nadu	60000000	52624000	17111	Manufacturin	SF NO 74/12	ROC COIMBA	accounts@s	31-03-2019	31-03-2019
409	L17111TZ1994	LAMBODHAR	ACTV	Public	Company limi	Non-govt con	17-03-1994	Tamil Nadu	100000000	47888000	17111	Manufacturin	3A B-BLOCK	ROC COIMBA	info@lambod	31-03-2019	31-03-2019
410	L17111TZ2003	K.P.R. MILL LI	ACTV	Public	Company limi	Non-govt con	19-03-2003	Tamil Nadu	550000000	362803920	17111	Manufacturin	9 GOKUL BUI	ROC COIMBA	kandaswamy	31-03-2019	31-03-2019
411	L17111TZ2015	SHIVA MILLS L	ACTV	Public	Company limi	Non-govt con	24-11-2015	Tamil Nadu	150000000	86418080	17111	Manufacturin	252, METTU	ROC COIMBA	shares@shiv	31-03-2019	31-03-2019
412	L17115TZ1980	SRI NACHAM	ACTV	Public	Company limi	Non-govt con	7/3/1980	Tamil Nadu	193000000	192864000	17115	Manufacturin	Door No 181,	ROC COIMBA	sncmro@gm	31-03-2019	31-03-2019
413	L17115TZ1988	AMBIKA COTT	ACTV	Public	Company limi	Non-govt con	6/10/1988	Tamil Nadu	100000000	57250000	17115	Manufacturin	NO 9 AVALLI	ROC COIMBA	acmambika	31-03-2019	31-03-2019
414	L17115TZ1989	GANGOTRI TE	ACTV	Public	Company limi	Non-govt con	26-07-1989	Tamil Nadu	1.22E+09	1.067E+09	17115	Manufacturin	25, 25-A VEN	ROC COIMBA	mksfibre@g	31-03-2019	31-03-2019
415	L17115TZ1992	K G DENIM LI	ACTV	Public	Company limi	Non-govt con	25-06-1992	Tamil Nadu	410000000	256378250	17115	Manufacturin	THEN THIRU	ROC COIMBA	cs.kgdl@kgd	31-03-2019	31-03-2019
416	L17119TZ1957	SIV INDUSTRI	LIQD	Public	Company limi	Non-govt con	22-08-1957	Tamil Nadu	200000000	12919000	17119	Manufacturin	VISCOSE TOW	ROC COIMBA	NA	NA	NA
417	L17120TN1994	ARCHANA SO	ACTV	Public	Company limi	Non-govt con	15-11-1994	Tamil Nadu	70000000	60439500	17120	Manufacturin	LAND MARVE	ROC CHENN	archanasoft	31-03-2018	31-03-2019
418	L17120TN2007	BINNY MILLS L	ACTV	Public	Company limi	Non-govt con	20-12-2007	Tamil Nadu	1.443E+09	1.439E+09	17120	Manufacturin	NO 4, KARPA	ROC CHENN	binnymills@b	31-03-2019	31-03-2019
419	L17121TN1983	SHRI RENUGA	ACTV	Public	Company limi	Non-govt con	4/4/1983	Tamil Nadu	330000000	31266600	17121	Manufacturin	NO 87 CUMBI	ROC CHENN	renuga@ren	31-03-2013	31-03-2013
420	L17121TN1988	CELEBRITY F	ACTV	Public	Company limi	Non-govt con	28-04-1988	Tamil Nadu	800000000	728725050	17121	Manufacturin	SDF - IV & C	ROC CHENN	rishia@celel	31-03-2019	31-03-2019
421	L17124TN1989	SPL POLYME	AMAL	Public	Company limi	Non-govt con	31-07-1989	Tamil Nadu	120000000	117960000	17124	Manufacturin	AMMULLAVO	ROC CHENN	ravi_kuddya	30-06-2007	30-06-2007
422	L17239TN1980	DADHA BROT	ACTV	Public	Company limi	Non-govt con	21-02-1986	Tamil Nadu	15000000	6674580	17239	Manufacturin	51, GOWDIA M	ROC CHENN	NA	NA	NA
423	L18101TN1988	MOOLCHAND	LIQD	Public	Company limi	Non-govt con	2/11/1988	Tamil Nadu	1000000	2000	18101	Manufacturin	151/1 MOUNT	ROC CHENN	NA	NA	NA
424	L18101TN1990	KETHAR INDU	ACTV	Public	Company limi	Non-govt con	3/7/1990	Tamil Nadu	300000000	215000000	18101	Manufacturin	No.4, Amalorp	ROC CHENN	aravind2son	31-03-2019	31-03-2019
425	L18101TN1994	TATIA GLOBA	ACTV	Public	Company limi	Non-govt con	13-01-1994	Tamil Nadu	500000000	151620000	18101	Manufacturin	NEW NO29 O	ROC CHENN	tatiainfo@gn	31-03-2019	31-03-2019
426	L18101TN2009	INDIAN TERR	ACTV	Public	Company limi	Non-govt con	29-09-2009	Tamil Nadu	120000000	75882600	18101	Manufacturin	208, Velache	ROC CHENN	ravi.bsg@inc	31-03-2019	31-03-2019
427	L18101TZ2005	S.P. APPAREL	ACTV	Public	Company limi	Non-govt con	18-11-2005	Tamil Nadu	472500000	256930000	18101	Manufacturin	39-A EXTEN	ROC COIMBA	csoffice@s-p	31-03-2019	31-03-2019
428	L18101TZ2011	FUNCTION FAB	ACTV	Public	Company limi	Non-govt con	15-11-2011	Tamil Nadu	40000000	26922700	18101	Manufacturin	NO15 MGR TR	ROC COIMBA	tirupatiexpor	31-03-2019	31-03-2019
429	L18209TN1991	MICAM LEATH	DISD	Public	Company limi	Non-govt con	25-04-1991	Tamil Nadu	500000	700	18209	Manufacturin	NO155 MAMB	ROC CHENN	NA	NA	NA
430	L18209TN1992	EURO LEDER	ACTV	Public	Company limi	Non-govt con	5/2/1992	Tamil Nadu	50000000	39080250	18209	Manufacturin	No 10 PP Am	ROC CHENN	m_nagendra	31-03-2019	31-03-2019
431	L18209TN1993	SKYLINE LEAT	LIQD	Public	Company limi	Non-govt con	16-12-1993	Tamil Nadu	60000000	56687000	18209	Manufacturin	PLOT NO83 SI	ROC CHENN	NA	NA	NA
432	L19019TN1991	SRI SUSHTI SHO	LIQD	Public	Company limi	Non-govt con	6/12/1991	Tamil Nadu	64500000	6370900	19019	Manufacturin	147 OLD MAHR	ROC CHENN	NA	NA	NA
433	L19129TN1974	INTER CONTI	ACTV	Public	Company limi	Non-govt con	16-09-1974	Tamil Nadu	15000000	4000000	19129	Manufacturin	145 STERLIN	ROC CHENN	KPSAGRI@GMA		NA
434	L19201TN1987	NB FOOTWEA	ACTV	Public	Company limi	Non-govt con	24-09-1987	Tamil Nadu	200000000	145000000	19201	Manufacturin	87/84A MGR	ROC CHENN	nbfootwearltd	31-03-2019	31-03-2019
435	L20293TN1996	UNIPLY INDUS	ACTV	Public	Company limi	Non-govt con	4/9/1996	Tamil Nadu	650000000	335294800	20293	Manufacturin	No 572 Anna	ROC CHENN	cs@uniplyir	31-03-2018	31-03-2018
436	L20102TN2005	SERVALAKSHMI	LIQD	Public	Company limi	Non-govt con	3/11/2005	Tamil Nadu	500000000	431136560	20102	Manufacturin	KODAGANALLUR	ROC CHENN	sthangavelu	31-03-2016	31-03-2016
437	L20102TZ1960	SESHASAYEE	ACTV	Public	Company limi	Non-govt con	22-06-1960	Tamil Nadu	700000000	126136280	20102	Manufacturin	PALLIPALAYAM	ROC COIMBA	secretarial@	31-03-2019	31-03-2019
438	L20102TZ1991	SHREE KAR	ACTV	Public	Company limi	Non-govt con	18-12-1991	Tamil Nadu	100000000	95550000	20102	Manufacturin	NO-25 50 Ft	ROC COIMBA	shreekarthik	31-03-2019	31-03-2019
439	L21090TN1975	NIZAM PAPER	LIQD	Public	Company limi	Non-govt con	22-01-1975	Tamil Nadu	8000000	0	21090	Manufacturin	T.S.NO2429/R	ROC CHENN	NA	NA	NA
440	L21093TN1991	KARTHIKEYA	NAEF	Public	Company limi	Non-govt con	9/7/1991	Tamil Nadu	60000000	0	21093	Manufacturin	SF.NO797 R/R	ROC CHENN	NA	NA	NA
441	L21093TN1995	NRAMANA P	ACTV	Public	Company limi	Non-govt con	24-01-1995	Tamil Nadu	60000000	26296000	21093	Manufacturin	28/2 RANGAR	ROC CHENN	NA	NA	NA
442	L22110TN1985	SUN TV NETW	ACTV	Public	Company limi	Non-govt con	18-12-1985	Tamil Nadu	6E+09	1.97E+09	22110	Manufacturin	Murasoli Mar	ROC CHENN	ravi@sunnet	31-03-2019	31-03-2019
443	L22121TN1964	TT MAPS & P	DISD	Public	Company limi	Non-govt con	11/3/1964	Tamil Nadu	3000000	2000	22121	Manufacturin	328 GST R	ROC CHENN	NA	NA	NA
444	L22121TN1979	TAMILNADU N	ACTV	Public	Company limi	Non-govt con	16-04-1979	Tamil Nadu	1.35E+09	692106000	22121	Manufacturin	67 MOUNT R	ROC CHENN	sivakumar.vs	31-03-2019	31-03-2019
445	L22122TN1970	MPS LIMITED	ACTV	Public	Company limi	Non-govt con	19-01-1970	Tamil Nadu	200000000	186169000	22122	Manufacturin	R.R. TOWER IV	ROC CHENN	secretarial@	31-03-2019	31-03-2019
446	L22219TN1995	EFFICIENT P	LIQD	Public	Company limi	Non-govt con	########	Tamil Nadu	35000000	30800000	22219	Manufacturin	752 ANNA SAI	ROC CHENN	companysec	31-03-2009	31-03-2009
447	L23200TN1984	TAMILNADU P	ACTV	Public	Company limi	Non-govt con	22-06-1984	Tamil Nadu	2E+09	899714740	23200	Manufacturin	MANALI EXPR	ROC CHENN	secy-legal@	31-03-2019	31-03-2019
448	L24110TN1970	KOTHARI INDU	ACTV	Public	Company limi	Non-govt con	1/7/1970	Tamil Nadu	250000000	95554425	24110	Manufacturin	KOTHARI BLDG	ROC CHENN	enquiries@	31-03-2019	31-03-2019
449	L24111TN1974	NATIONAL OX	ACTV	Public	Company limi	Non-govt con	23-12-1974	Tamil Nadu	50000000	48022170	24111	Manufacturin	Flat No.B1 First	ROC CHENN	contact@nq	31-03-2019	31-03-2019
450	L24117TN1952	SESHASAYEE	LIQD	Public	Company limi	Non-govt con	########	Tamil Nadu	15000000	0	24117	Manufacturin	INDIAN CHAMB	ROC CHENN	NA	NA	NA
451	L24117TN1972	TANFAC INDU	ACTV	Public	Company limi	Non-govt con	20-12-1972	Tamil Nadu	350000000	149750000	24117	Manufacturin	14 SIPCOT INDR	ROC CHENN	invrelntanfa	31-03-2019	31-03-2019
452	L24117TN1976	SHASUN PHA	AMAL	Public	Company limi	Non-govt con	19-04-1976	Tamil Nadu	250000000	134501904	24117	Manufacturin	The Batra Ce	ROC CHENN	muralikrishna	31-03-2015	31-03-2015
453	L24117TN1986	SRINATHI PR	ACTV	Public	Company limi	Non-govt con	########	Tamil Nadu	35000000	17531000	24117	Manufacturin	NO2 SHREE	ROC CHENN	krishnamoort	31-03-2016	31-03-2016
454	L24117TN1990	TETRAHEDR	ACTV	Public	Company limi	Non-govt con	18-05-1990	Tamil Nadu	50000000	46743000	24117	Manufacturin	17-A SIDCO IN	ROC CHENN	tetrahedron@	31-03-2014	31-03-2013
455	L24117TN1995	CAPSEIN BIO-	DISD	Public	Company limi	Non-govt con	16-02-1995	Tamil Nadu	100000000	700	24117	Manufacturin	9 HINDI PRACR	ROC CHENN	NA	NA	NA
456	L24119TN1971	TUTICORIN AL	ACTV	Public	Company limi	Non-govt con	3/12/1971	Tamil Nadu	1.22E+09	1.28E+09	24119	Manufacturin	SPIC House 88	ROC CHENN	secretary@t	31-03-2019	31-03-2019
457	L24119TN1985	SPIC ORGANI	DISD	Public	Company limi	Non-govt con	########	Tamil Nadu	500000000	0	24119	Manufacturin	11/20A RAD	ROC CHENN	NA	NA	NA
458	L24131TN1986	SP INDUSTRI	ACTV	Public	Company limi	Non-govt con	5/3/1986	Tamil Nadu	100000000	46789360	24131	Manufacturin	OLD NO17 NER	ROC CHENN	spilltd@gmai	31-03-2018	31-03-2018
459	L24131TN1992	ALFA EXPOR	LIQD	Public	Company limi	Non-govt con	13-03-1992	Tamil Nadu	25000000	1033000	24131	Manufacturin	238 DHANDAR	ROC CHENN	NA	NA	NA
460	L24211TN1975	EID PARRY (	ACTV	Public	Company limi	Non-govt con	22-09-1975	Tamil Nadu	4.375E+09	17699498	24211	Manufacturin	'DARE HOUS	ROC CHENN	investorservi	31-03-2019	31-03-2019
461	L24222TN1977	VANAVIL DYE	AMAL	Public	Company limi	Non-govt con	23-04-1977	Tamil Nadu	60000000	49316000	24222	Manufacturin	KUDIKADU SIP	ROC CHENN	NA	NA	NA
462	L24222TN1992	ORCHID PHAR	ACTV	Public	Company limi	Non-govt con	1/7/1992	Tamil Nadu	1.5E+09	889643270	24222	Manufacturin	ORCHID TOW	ROC CHENN	corporate@c	31-03-2018	31-03-2018
463	L24230TN1973	TAMILNADU D	DISD	Public	Company limi	Non-govt con	7/2/1973	Tamil Nadu	10000000	0	24230	Manufacturin	10 LAYDORE R	ROC CHENN	NA	NA	NA
464	L24230TN1980	CHEMECH LA	ACTV	Public	Company limi	Non-govt con	25-07-1980	Tamil Nadu	20000000	13000000	24230	Manufacturin	CHEMECH HOR	ROC CHENN	chemech@v	31-03-2018	31-03-2018
465	L24230TN1985	DADHA HEWL	LIQD	Public	Company limi	Non-govt con	20-11-1985	Tamil Nadu	9900000	700	24230	Manufacturin	OLD NO 311-A	ROC CHENN	NA	NA	NA
466	L24231TN1934	SYNERGY FIN	LIQD	Public	Company limi	Non-govt con	5/10/1934	Tamil Nadu	350000000	0	24231	Manufacturin	13 WEST BOUR	ROC CHENN	NA	NA	NA
467	L24231TN1936	AMRUTANJAN	ACTV	Public	Company limi	Non-govt con	9/9/1936	Tamil Nadu	50000000	29230630	24231	Manufacturin	NO103 (OLD	ROC CHENN	shares@amr	31-03-2019	31-03-2019
468	L24231TN1958	TTK HEALTHC	ACTV	Public	Company limi	Non-govt con	21-05-1958	Tamil Nadu	200000000	141303330	24231	Manufacturin	No 6 CATHEDR	ROC CHENN	skr@ttkhealt	31-03-2019	31-03-2019
469	L24231TN1983	MK AROMATI	ACTV	Public	Company limi	Non-govt con	1/11/1983	Tamil Nadu	50000000	4538000	24231	Manufacturin	PLOT NO43-4	ROC CHENN	mahesh@mka	31-03-2019	31-03-2019
470	L24231TN1984	TAMILNAD HO	LIQD	Public	Company limi	Non-govt con	7/5/1984	Tamil Nadu	745000000	108338000	24231	Manufacturin	NO 439 CHEBR	ROC CHENN	NA	NA	NA
471	L24231TN1985	VELVETTE IN	ACTV	Public	Company limi	Non-govt con	17-01-1985	Tamil Nadu	75000000	49327700	24231	Manufacturin	23 DR AMBED	ROC CHENN	velvette84@	31-03-2018	31-03-2018
472	L24231TN1986	TELSTAR LAB	NAEF	Public	Company limi	Non-govt con	9/4/1986	Tamil Nadu	10000000	0	24231	Manufacturin	76 LINGHI CHER	ROC CHENN	NA	NA	NA
473	L24231TN198	UNICORN PHA	LIQD	Public	Company limi	Non-govt con	9/2/1987	Tamil Nadu	2400000	7000	24231	Manufacturin	3 PALAT SAN	ROC CHENN	NA	NA	NA
474	L24231TN198	EPSOM PROF	ACTV	Public	Company limi	Non-govt con	4/3/1987	Tamil Nadu	150000000	74528000	24231	Manufacturin	REGENCY HO	ROC CHENN	epsomproper	31-03-2019	31-03-2019
475	L24231TN198	DISPOSABLE	LIQD	Public	Company limi	Non-govt con	11/9/1987	Tamil Nadu	85000000	84633500	24231	Manufacturin	PLOT NOA-33	ROC CHENN	NA	NA	NA
476	L24231TN198	ARVIND REM	ACTV	Public	Company limi	Non-govt con	17-06-1988	Tamil Nadu	700000000	681260000	24231	Manufacturin	38.39 & 40 S	ROC CHENN	cs@arvindr	31-03-2017	31-03-2017
477	L24231TN199	PRADEEP DR	ACTV	Public	Company limi	Non-govt con	26-03-1990	Tamil Nadu	150000000	0	24231	Manufacturin	SATHAMMAI	ROC CHENN	NA	NA	NA
478	L24231TN199	CAPLIN POINT	ACTV	Public	Company limi	Non-govt con	16-04-1990	Tamil Nadu	170000000	151285500	24231	Manufacturin	NARBAVNo. 3	ROC CHENN	info@caplinp	31-03-2019	31-03-2019
479	L24231TN199	ORIENT ORG	ACTV	Public	Company limi	Non-govt con	14-02-1991	Tamil Nadu	30000000	30000000	24231	Manufacturin	HOP MATHIAS	ROC CHENN	NA	NA	NA
480	L24231TN199	WOCKHARDT	AMAL	Public	Company limi	Non-govt con	3/6/1991	Tamil Nadu	150000000	0	24231	Manufacturin	44 BEACH R	ROC CHENN	NA	NA	NA
481	L24231TN199	MAHAVIR AD	ACTV	Public	Company limi	Non-govt con	29-04-1992	Tamil Nadu	155000000	113592000	24231	Manufacturin	No 67/2 II st	ROC CHENN	indoamerica	31-03-2014	31-03-2014
482	L24231TN199	MEDICORP T	DISD	Public	Company limi	Non-govt con	17-11-1993	Tamil Nadu	350000000	0	24231	Manufacturin	C 32 VIJAY PL	ROC CHENN	NA	NA	NA
483	L24241TN198	TRIVIKRAMA	ACTV	Public	Company limi	Non-govt con	8/6/1984	Tamil Nadu	80000000	71145000	24241	Manufacturin	Apex Chamb	ROC CHENN	trivikramain	31-03-2019	31-03-2019
484	L24244TZ198	COIMBATORE	ACTV	Public	Company limi	Non-govt con	########	Tamil Nadu	30000000	30000000	24244	Manufacturin	No.6, S R P. P	ROC COIMBA	pfcs@gmai	31-03-2013	31-03-2013
485	L24246TN197	POND'S (INDIA	DISD	Public	Company limi	Non-govt con	5/5/1977	Tamil Nadu	30000000	0	24246	Manufacturin	26, COMMAN	ROC CHENN	NA	NA	NA
486	L24246TN198	HENKEL SPIC	AMAL	Public	Company limi	Non-govt con	4/9/1987	Tamil Nadu	2.4E+09	68000000	24246	Manufacturin	1ST FLOOR NO	ROC CHENN	NA	NA	NA
487	L24246TN199	NAGA LIMITE	ACTV	Public	Company limi	Non-govt con	1/3/1991	Tamil Nadu	275000000	142480000	24246	Manufacturin	NO1, ANNA PI	ROC CHENN	marikannan	31-03-2019	31-03-2019
488	L24290TN197	SREE MARU	ACTV	Public	Company limi	Non-govt con	26-09-1973	Tamil Nadu	20000000	7803090	24290	Manufacturin	NO 1/220 KA	ROC CHENN	sreemaruthi	31-03-2019	31-03-2019
489	L24290TN200	CHEMFAB ALI	ACTV	Public	Company limi	Non-govt con	6/5/2009	Tamil Nadu	391400000	139295040	24290	Manufacturin	TEAM HOUSE	ROC CHENN	cosecy@dr	31-03-2019	31-03-2019
490	L24294TN198	TECHNOLOGY	LIQD	Public	Company limi	Non-govt con	4/4/1984	Tamil Nadu	20000	0	24294	Manufacturin	NO10HADDOW	ROC CHENN	NA	NA	NA
491	L24294TN198	AMERICAN R	AMAL	Public	Company limi	Non-govt con	7/1/1986	Tamil Nadu	80000000	3000	24294	Manufacturin	NO333-B SE	ROC CHENN	NA	NA	NA
492	L24294TN198	MANALI PETR	ACTV	Public	Company limi	Non-govt con	11/6/1986	Tamil Nadu	1.2E+09	859996145	24294	Manufacturin	SPIC HOUSE 8	ROC CHENN	cs@manalip	31-03-2019	31-03-2019
493	L24294TN198	ORIGIN AGRO	LIQD	Public	Company limi	Non-govt con	15-07-1987	Tamil Nadu	400000000	224925000	24294	Manufacturin	79 SHANTHI P	ROC CHENN	NA	NA	NA
494	L24294TN199	INDIA CASTO	LIQD	Public	Company limi	Non-govt con	28-02-1992	Tamil Nadu	10000000	0	24294	Manufacturin	121STFLOOR	ROC CHENN	NA	NA	NA
495	L24294TN199	CHIMIQUE LA	ACTV	Public	Company limi	Non-govt con	9/6/1993	Tamil Nadu	500000	0	24294	Manufacturin	D-15 SIDCO IN	ROC CHENN	NA	NA	NA
496	L24294TN199	PONDY OXIDE	ACTV	Public	Company limi	Non-govt con	21-03-1995	Tamil Nadu	124000000	55759930	24294	Manufacturin	KRM Centre	ROC CHENN	info@poc.co	31-03-2019	31-03-2019
497	L24294TN199	BAFNA PHAR	ACTV	Public	Company limi	Non-govt con	28-03-1995	Tamil Nadu	400000000	236563350	24294	Manufacturin	299, THAMBI	ROC CHENN	info@bafnap	31-03-2019	31-03-2019
498	L24297TN197	DALMIA REF	ACTV	Public	Company limi	Non-govt con	21-06-1973	Tamil Nadu	50000000	31520840	24297	Manufacturin	DALMIAPURA	ROC CHENN	snccil@dalm	31-03-2019	31-03-2019
499	L24297TN198	CHEMFAB ALI	AMAL	Public	Company limi	Non-govt con	16-06-1983	Tamil Nadu	211400000	45858485	24297	Manufacturin	TEAM HOUSE	ROC CHENN	amadhavan4	31-03-2016	31-03-2016
500	L25111TN196	MRF LIMITED	ACTV	Public	Company limi	Non-govt con	5/11/1960	Tamil Nadu	100000000	4241430	25111	Manufacturin	NEW NO114 (C	ROC CHENN	mrfshare@g	31-03-2019	31-03-2019
501	L25111TN198	TVS SRICHAK	ACTV	Public	Company limi	Non-govt con	2/6/1982	Tamil Nadu	100000000	76570500	25111	Manufacturin	TVS BUILDING	ROC CHENN	Srinivasan.P	31-03-2019	31-03-2019
502	L25111TN198	FIDELITY INDU	LIQD	Public	Company limi	Non-govt con	27-05-1987	Tamil Nadu	400000000	84793000	25111	Manufacturin	MARTI CHAM	ROC CHENN	NA	NA	NA
503	L25119TZ200	ELGI RUBBER	ACTV	Public	Company limi	Non-govt con	16-10-2006	Tamil Nadu	380300000	50050000	25119	Manufacturin	2000 TRICHY	ROC COIMBA	info@in.elgi	31-03-2019	31-03-2019
504	L25199TN196	MIL INDUSTRI	ACTV	Public	Company limi	Non-govt con	11/2/1966	Tamil Nadu	52500000	31500000	25199	Manufacturin	25-A INDUST	ROC CHENN	mil@milindus	31-03-2019	31-03-2019
505	L25199TN198	SOUTHERN L	ACTV	Public	Company limi	Non-govt con	29-03-1989	Tamil Nadu	100000000	73592000	25199	Manufacturin	B-11/W SIPC	ROC CHENN	southernlatex	31-03-2019	31-03-2019
506	L25200TN198	VIRGO POLY	ACTV	Public	Company limi	Non-govt con	5/3/1985	Tamil Nadu	60000000	33361000	25200	Manufacturin	A-1-A MMDA	ROC CHENN	accounts@vi	31-03-2019	31-03-2019
507	L25201TN198	MAGNUM PO	ACTV	Public	Company limi	Non-govt con	9/4/1985	Tamil Nadu	50000000	28500000	25201	Manufacturin	F-38 SIPCOT I	ROC CHENN	magnumpdyn	31-03-2012	31-03-2012
508	L25209TN198	KINGFA SCIEN	ACTV	Public	Company limi	Non-govt con	########	Tamil Nadu	250000000	12104680	25209	Manufacturin	DHUN BUILDIN	ROC CHENN	cs@kingfain	31-03-2019	31-03-2019

301	F06296	SAR CHEM KI	ACTV	NA	NA	NA	26-12-2017	Tamil Nadu	0	0	NA	Agriculture &	NO 75 ABDUL	ROC-DELHI	ravisarchem	NA	NA
302	F06319	DEEP DRILLIN	NAEF	NA	NA	NA	16-02-2018	Tamil Nadu	0	0	NA	Agriculture &	IANPRIYA CRI	ROC-DELHI	murugappan	NA	NA
303	F06321	BRANDART I	ACTV	NA	NA	NA	5/3/2018	Tamil Nadu	0	0	NA	Agriculture &	No 5 / 329-1	ROC-DELHI	anandkumar.	NA	NA
304	F06349	TANHAY COR	ACTV	NA	NA	NA	18-06-2018	Tamil Nadu	0	0	NA	Agriculture &	Plot No G86C	ROC-DELHI	kimgeuno@t2	NA	NA
305	F06371	SOLUTION FO	ACTV	NA	NA	NA	13-09-2018	Tamil Nadu	0	0	NA	Agriculture &	DOOR NO83,	ROC-DELHI	sfiee7@sfk2	NA	NA
306	F06384	EASTERN GH	ACTV	NA	NA	NA	22-10-2018	Tamil Nadu	0	0	NA	Agriculture &	SF NO 262/2	ROC-DELHI	avinachi@te	NA	NA
307	F06401	TRANSMILLE	ACTV	NA	NA	NA	24-12-2018	Tamil Nadu	0	0	NA	Agriculture &	No 813, A Wir	ROC-DELHI	chandru@tra	NA	NA
308	F06418	Sunnic Tech	ACTV	NA	NA	NA	17-02-2019	Tamil Nadu	0	0	NA	Agriculture &	The Royal Ca	ROC-DELHI	senthil_kumar	NA	NA
309	F06441	HYOSUNG HE	ACTV	NA	NA	NA	20-03-2019	Tamil Nadu	0	0	NA	Agriculture &	Door No78, R	ROC-DELHI	bcjeong@hyc	NA	NA
310	F06468	PICOSUN Oy	ACTV	NA	NA	NA	17-06-2019	Tamil Nadu	0	0	NA	Agriculture &	Suite 316 DB	ROC-DELHI	kousik.sivakur	NA	NA
311	F06487	ThinkTech In	ACTV	NA	NA	NA	26-07-2019	Tamil Nadu	0	0	NA	Agriculture &	Prince Infoci	ROC-DELHI	Vijay.Venkat	NA	NA
312	01117TZ1943	NEELAMALAI	ACTV	Public	Company limi	Non-govt con	21-04-1943	Tamil Nadu	12500000	6273500	1117	Agriculture &	KATARY EST	ROC-COIMBA	secneelamal	31-03-2019	31-03-2019
313	01119TN1986	ABAN OFFSH	ACTV	Public	Company limi	Non-govt con	25-09-1986	Tamil Nadu	1.5E+10	116730000	1119	Agriculture &	IANPRIYA CRI	ROC-CHENN	secretarial@	31-03-2019	31-03-2019
314	01119TN1989	PASUMAI IRR	CLOD	Public	Company limi	Non-govt con	29-03-1989	Tamil Nadu	150000000	38350000	1119	Agriculture &	29, POLICE CR	ROC-CHENN	NA	NA	NA
315	01119TN1992	ISOFTECH INFR	ACTV	Public	Company limi	Non-govt con	21-12-1992	Tamil Nadu	150000000	40000000	1119	Agriculture &	29, PRECISIO	ROC-CHENN	compliance	31-03-2018	31-03-2018
316	01119TN1993	FLORENCE AL	LIQD	Public	Company limi	Non-govt con	30-11-1993	Tamil Nadu	500000	0	1119	Agriculture &	79, EAST CAR	ROC-CHENN	NA	NA	NA
317	01122TZ1995	POCHIRAJU IN	ACTV	Public	Company limi	Non-govt con	4/5/1995	Tamil Nadu	250000000	189066750	1122	Agriculture &	1/102 SATHY	ROC-COIMBA	mmreddyan	31-03-2019	31-03-2019
318	01132TN1992	NEPC TEA G	AMAL	Public	Company limi	Non-govt con	3/4/1992	Tamil Nadu	150000000	0	1132	Agriculture &	36 WALLAJAH	ROC-CHENN	NA	NA	NA
319	01132TN1993	GREMACH TE	DISD	Public	Company limi	Non-govt con	17-09-1993	Tamil Nadu	5000000	0	1132	Agriculture &	753, MOUNT	ROC-CHENN	NA	NA	NA
320	01132TZ1922	THE UNITED N	ACTV	Public	Company limi	Non-govt con	9/8/1922	Tamil Nadu	50000000	49965660	1132	Agriculture &	3 SAVITHRI SR	ROC-COIMBA	headoffice@	31-03-2019	31-03-2019
321	01132TZ1948	THE KILKOTA	AMAL	Public	Company limi	Non-govt con	28-07-1948	Tamil Nadu	16000000	1041730	1132	Agriculture &	KILKOTHAGIRI	ROC-COIMBA	kilkota.ho@gn	31-03-2012	31-03-2012
322	01133TN1994	PIONEER CAS	ACTV	Public	Company limi	Non-govt con	9/11/1994	Tamil Nadu	55000000	46242000	1133	Agriculture &	300 POONAM	ROC-CHENN	chaalasi@ya	31-03-2018	31-03-2011
323	01211TN1989	AAMAIN AGRO	DISD	Public	Company limi	Non-govt con	29-08-1989	Tamil Nadu	8000000	30	1211	Agriculture &	3 E ALI TOWER	ROC-CHENN	NA	NA	NA
324	01222TZ1995	SKM EGG PR	ACTV	Public	Company limi	Non-govt con	6/4/1995	Tamil Nadu	300000000	263300000	1222	Agriculture &	NO133 133/1	ROC-COIMBA	shares@skm	31-03-2019	31-03-2019
325	01409TZ1991	NEPC AGRO F	ACTV	Public	Company limi	Non-govt con	13-08-1991	Tamil Nadu	400000000	204715000	1409	Agriculture &	NO 1678 TRI	ROC-COIMBA	secretarial@	31-03-2016	31-03-2017
326	01542TZ1985	RAJSHREE S	ACTV	Public	Company limi	Non-govt con	13-12-1985	Tamil Nadu	300000000	281676800	1542	Agriculture &	UFFIZI 338/8	ROC-COIMBA	narayanan@	31-03-2019	31-03-2019
327	02310TZ1993	SOUTHERN F	ACTV	Public	Company limi	Non-govt con	23-04-1993	Tamil Nadu	40000000	34550000	2310	Agriculture &	SF NO 108/2	ROC-COIMBA	shivamani.co	31-03-2017	31-03-2016
328	02511TZ1981	ELGI RUBBER	AMAL	Public	Company limi	Non-govt con	13-05-1981	Tamil Nadu	135300000	107000000	2511	Agriculture &	2000, TRICHY	ROC-COIMBA	vijayalakshmi	31-03-2010	31-03-2010
329	02511TZ1998	TREADSDIRE	AMAL	Public	Company limi	Non-govt con	2/11/1998	Tamil Nadu	160000000	114525000	2511	Agriculture &	2000 TRICHY	ROC-COIMBA	secretarial@	31-03-2010	31-03-2010
330	03210TZ1985	SALZER ELEC	ACTV	Public	Company limi	Non-govt con	8/1/1985	Tamil Nadu	200000000	159827370	3210	Agriculture &	SAMICHETTI	ROC-COIMBA	baskarasubra	31-03-2019	31-03-2019
331	05001TN1985	AGRI MARINE	ACTV	Public	Company limi	Non-govt con	6/6/1985	Tamil Nadu	100000000	49348000	5001	Agriculture &	Door No47/2	ROC-CHENN	agrimarine@	31-03-2019	31-03-2019
332	05001TN1993	NAGARJUNA	ACTV	Public	Company limi	Non-govt con	4/8/1993	Tamil Nadu	100000	7000	5001	Agriculture &	B-32, FIRST	ROC-CHENN	NA	NA	NA
333	05001TN1994	TROPICAL OR	ACTV	Public	Company limi	Non-govt con	25-08-1994	Tamil Nadu	70000000	7000	5001	Agriculture &	NO55 TEACH	ROC-CHENN	NA	NA	NA
334	08031TZ1980	TAMIL NADU	NAEF	Public	Company limi	Non-govt con	24-09-1980	Tamil Nadu	70000000	0	8031	Agriculture &	108DIVYA TO	ROC-COIMBA	NA	NA	NA
335	11101TN1969	SOUTHERN P	ACTV	Public	Company limi	Non-govt con	18-12-1969	Tamil Nadu	4.25E+09	2.161E+09	11101	Mining and	"SPIC HOUSE"	ROC-CHENN	mbg@spic.co	31-03-2019	31-03-2019
336	11101TN1989	KOTHARI PET	ACTV	Public	Company limi	Non-govt con	28-04-1989	Tamil Nadu	660000000	588464000	11101	Mining and	KOTHARI BUIL	ROC-CHENN	secdept@hcl	31-03-2019	31-03-2019
337	13206TN198	HIMALAYA G	ACTV	Public	Company limi	Non-govt con	########	Tamil Nadu	40000000	23167840	13206	Mining and	PANCHALAM	ROC-CHENN	investors@	31-03-2019	31-03-2019
338	14200TN199	CRAZY INFOT	ACTV	Public	Company limi	Non-govt con	9/9/1992	Tamil Nadu	100000000	6688000	14200	Mining and	PLOT NO51, S	ROC-CHENN	crazyinfo83	31-03-2017	31-03-2017
339	14200TN201	DALMIA BHAR	ACTV	Public	Company limi	Non-govt con	12/7/2013	Tamil Nadu	3.70E+09	385917006	14200	Mining and	Dalmiapuram	ROC-CHENN	corp.sec@d	31-03-2019	31-03-2019
340	14299TN198	TALAVADI R	CLOD	Public	Company limi	Non-govt con	3/3/1989	Tamil Nadu	50000000	47764000	14299	Mining and	No2/367 Kar	ROC-CHENN	rssukanya@	31-03-2014	31-03-2014
341	14299TN199	GEE GEE GR	ACTV	Public	Company limi	Non-govt con	30-03-1990	Tamil Nadu	100000000	45000000	14299	Mining and	23, College R	ROC-CHENN	sunildusejalli	31-03-2013	31-03-2013
342	14299TN199	JAIN GRANITE	ACTV	Public	Company limi	Non-govt con	29-10-1993	Tamil Nadu	100000000	90000000	14299	Mining and	48, HARRING	ROC-CHENN	pcschnl@gr	31-03-2014	31-03-2014
343	14299TN199	EURO INDUST	LIQD	Public	Company limi	Non-govt con	9/5/1994	Tamil Nadu	10000000	70	14299	Mining and	26 COMMANI	ROC-CHENN	NA	NA	NA
344	15100TN198	PRADHIN LIMI	ACTV	Public	Company limi	Non-govt con	3/6/1982	Tamil Nadu	50000000	36468500	15100	Manufacturir	61, SEMBUDO	ROC-CHENN	accounts@m	31-03-2019	31-03-2019
345	15100TN199	RAJENDRA G	ACTV	Public	Company limi	Non-govt con	17-11-1992	Tamil Nadu	50000000	42800000	15100	Manufacturir	41/9, Medav	ROC-CHENN	adinfo100@	31-03-2019	31-03-2019
346	15142TN198	AVT NATURA	ACTV	Public	Company limi	Non-govt con	12/3/1986	Tamil Nadu	190000000	152284000	15142	Manufacturir	NO60 RUKMA	ROC-CHENN	avtnpl@avtn	31-03-2019	31-03-2019
347	15142TN199	ASHIANA AGR	ACTV	Public	Company limi	Non-govt con	18-06-1990	Tamil Nadu	50000000	45859500	15142	Manufacturir	No. 792/5, Es	ROC-CHENN	ashianaagro	31-03-2019	31-03-2019
348	15311TN1973	NAGALAKSHM	AMAL	Public	Company limi	Non-govt con	11/7/1973	Tamil Nadu	1000000	0	15311	Manufacturir	1, ANNA PILLAI	ROC-CHENN	NA	NA	NA
349	15314TN196	KOVILPATTI L	ACTV	Public	Company limi	Non-govt con	16-12-1961	Tamil Nadu	150000000	55414760	15314	Manufacturir	75/8, BENAR	ROC-CHENN	ho@klrfin	31-03-2019	31-03-2019
350	15421TN194	MAC AGRO IN	DISD	Public	Company limi	Non-govt con	8/5/1944	Tamil Nadu	40000000	0	15421	Manufacturir	99, ARMENIA	ROC-CHENN	NA	NA	NA
351	15421TN194	PETTAVAITTA	DISD	Public	Company limi	Non-govt con	20-02-1948	Tamil Nadu	44000000	0	15421	Manufacturir	234, NSC BO	ROC-CHENN	NA	NA	NA
352	15421TN195	THIRU AROO	ACTV	Public	Company limi	Non-govt con	12/7/1954	Tamil Nadu	500000000	113170000	15421	Manufacturir	ELDORADO B	ROC-CHENN	secretarial@	31-03-2018	31-03-2018
353	15421TN196	ARUNA HOTE	ACTV	Public	Company limi	Non-govt con	9/9/1960	Tamil Nadu	750000000	121000000	15421	Manufacturir	ARUNA CENTR	ROC-CHENN	directorsaru	31-03-2019	31-03-2019
354	15421TN196	KOTHARI SUG	ACTV	Public	Company limi	Non-govt con	7/11/1960	Tamil Nadu	1.44E+09	828885800	15421	Manufacturir	KOTHARI BLD	ROC-CHENN	secdept@hcl	31-03-2019	31-03-2019
355	15421TN198	PONNI SUGAR	LIQD	Public	Company limi	Non-govt con	25-02-1982	Tamil Nadu	250000000	0	15421	Manufacturir	109, NUNGAM	ROC-CHENN	NA	NA	NA
356	15421TN198	DHARANI SUG	ACTV	Public	Company limi	Non-govt con	4/6/1987	Tamil Nadu	600000000	332000000	15421	Manufacturir	PGP HOUSE 5	ROC-CHENN	secretarial@	31-03-2019	31-03-2019
357	15421TN199	K.C.P.SUGAR	ACTV	Public	Company limi	Non-govt con	########	Tamil Nadu	250000000	113385050	15421	Manufacturir	RAMAKRISHN	ROC-CHENN	finance@kcp	31-03-2019	31-03-2019
358	15421TZ196	SAKTHI SUGA	ACTV	Public	Company limi	Non-govt con	12/5/1961	Tamil Nadu	1.7E+09	1.188E+09	15421	Manufacturir	SAKTHI NAGA	ROC-COIMBA	shares@sakt	31-03-2019	31-03-2019
359	15421TZ1983	BANNARI AM	ACTV	Public	Company limi	Non-govt con	1/12/1983	Tamil Nadu	650000000	125397000	15421	Manufacturir	1212 TRICHY R	ROC-COIMBA	shares@ban	31-03-2019	31-03-2019
360	15422TN199	PONNI SUGAR	ACTV	Public	Company limi	Non-govt con	26-12-1996	Tamil Nadu	150000000	8598480	15422	Manufacturir	ESVIN HOUSE	ROC-CHENN	admin@ponr	31-03-2019	31-03-2019
361	15492TN198	KOTHARI GEN	DPSO	Public	Company limi	Non-govt con	6/7/1983	Tamil Nadu	1000000	80	15492	Manufacturir	114 NUNGAM	ROC-CHENN	NA	NA	NA
362	15499TN198	HATSUN AGR	ACTV	Public	Company limi	Non-govt con	4/3/1986	Tamil Nadu	300000000	159809222	15499	Manufacturir	DOMAINE, DO	ROC-CHENN	secretarial@	31-03-2019	31-03-2019
363	15499TN199	NEPC AGRO F	NAEF	Public	Company limi	Non-govt con	13-08-1991	Tamil Nadu	100000000	0	15499	Manufacturir	WAVERLY ES	ROC-CHENN	NA	NA	NA
364	15499TN199	SAPTARISHI A	ACTV	Public	Company limi	Non-govt con	17-02-1992	Tamil Nadu	360000000	340399420	15499	Manufacturir	PPADALAM	ROC-CHENN	saptarishi	31-03-2019	31-03-2019
365	15511TN1983	EMPEE DISTI	ACTV	Public	Company limi	Non-govt con	15-09-1983	Tamil Nadu	300000000	200757530	15511	Manufacturir	EMPEE TOWE	ROC-CHENN	cs@empee	31-03-2018	31-03-2018
366	15520TN198	BALAJI DISTIL	AMAL	Public	Company limi	Non-govt con	15-12-1983	Tamil Nadu	2.25E+09	1.43E+09	15520	Manufacturir	BYE PASS RO	ROC-CHENN	bd_tnagar@	31-03-2010	31-03-2010
367	15549TN199	TEJASSVI AA	ACTV	Public	Company limi	Non-govt con	20-09-1994	Tamil Nadu	250000000	217866000	15549	Manufacturir	NEW NO31, F	ROC-CHENN	taltdchennai	31-03-2019	31-03-2019
368	15549TN2005	OCEANAA BIO	ACTV	Public	Company limi	Non-govt con	28-10-2005	Tamil Nadu	150000000	135652750	15549	Manufacturir	NO48-1 EAST	ROC-CHENN	info@oceana	31-03-2018	31-03-2018
369	17100TN2007	S V GLOBAL M	ACTV	Public	Company limi	Non-govt con	30-10-2007	Tamil Nadu	232500000	90414850	17100	Manufacturir	DOOR NO3/1	ROC-CHENN	svglobal55@	31-03-2019	31-03-2019
370	17111TN1936	RAJAPALAYAM	ACTV	Public	Company limi	Non-govt con	24-02-1936	Tamil Nadu	150000000	7376600	17111	Manufacturir	RAJAPALAYAM	ROC-CHENN	rajacot@ra	31-03-2019	31-03-2019
371	17111TN1939	RAMARAJU S	ACTV	Public	Company limi	Non-govt con	20-02-1939	Tamil Nadu	50000000	39465600	17111	Manufacturir	PAC RAMASA	ROC-CHENN	rscm@ramc	31-03-2019	31-03-2019
372	17111TN1946	LOYAL TEXTI	ACTV	Public	Company limi	Non-govt con	9/4/1946	Tamil Nadu	150000000	48164460	17111	Manufacturir	21/4 Mill Stre	ROC-CHENN	secretarial@	31-03-2019	31-03-2019
373	17111TN1946	SRI GANAPAT	ACTV	Public	Company limi	Non-govt con	11/9/1946	Tamil Nadu	100000000	66704000	17111	Manufacturir	SHANKER NAG	ROC-CHENN	santhose@s	31-03-2017	31-03-2017
374	17111TN1946	VTM LIMITED	ACTV	Public	Company limi	Non-govt con	27-07-1946	Tamil Nadu	100000000	40228000	17111	Manufacturir	SOLAKARAM	ROC-CHENN	securities@	31-03-2019	31-03-2019
375	17111TN1955	SREE MEENA	DISD	Public	Company limi	Non-govt con	1/5/1955	Tamil Nadu	80000000	0	17111	Manufacturir	TIRUPPARAN	ROC-CHENN	NA	NA	NA
376	17111TN1956	HEMALATHA T	NAEF	Public	Company limi	Non-govt con	1/4/1956	Tamil Nadu	100000	0	17111	Manufacturir	NA	ROC-CHENN	NA	NA	NA
377	17111TN1961	SWAMI MILLS	CLOD	Public	Company limi	Non-govt con	25-08-1961	Tamil Nadu	90000000	0	17111	Manufacturir	P.K.S. STREE	ROC-CHENN	NA	NA	NA
378	17111TN1964	SRI LAKSHMI	ACTV	Public	Company limi	Non-govt con	2/5/1964	Tamil Nadu	200000000	33327500	17111	Manufacturir	6 KRISHNAMA	ROC-CHENN	sist@sistarmi	31-03-2019	31-03-2019
379	17111TN1969	BINNY LIMITE	ACTV	Public	Company limi	Non-govt con	30-06-1969	Tamil Nadu	2.83E+09	1.284E+09	17111	Manufacturir	No 1, Cooks R	ROC-CHENN	binny@binny	31-03-2019	31-03-2019
380	17111TN1989	SRI NANDAA	ACTV	Public	Company limi	Non-govt con	27-10-1989	Tamil Nadu	190000000	150000000	17111	Manufacturir	Prince Centr	ROC-CHENN	nandaaspin	31-03-2018	31-03-2018
381	17111TN1989	TAMILNADU	ACTV	Public	Company limi	Non-govt con	2/11/1989	Tamil Nadu	400000000	397847360	17111	Manufacturir	212 RAMASW	ROC-CHENN	tnjbsecretary	31-03-2019	31-03-2019
382	17111TN1990	GEM SPINNE	ACTV	Public	Company limi	Non-govt con	18-10-1990	Tamil Nadu	450000000	306859950	17111	Manufacturir	NO14 MANGA	ROC-CHENN	accounts@ge	31-03-2019	31-03-2019
383	17111TN1990	BHARAT TEX	ACTV	Public	Company limi	Non-govt con	21-12-1990	Tamil Nadu	120000000	58571400	17111	Manufacturir	994 SATHYA	ROC-CHENN	ajeet@bhara	31-03-2019	31-03-2019
384	17111TN1991	MANGAL PR	CLOD	Public	Company limi	Non-govt con	21-06-1991	Tamil Nadu	49600000	0	17111	Manufacturir	5, BALAJI NAG	ROC-CHENN	NA	NA	NA
385	17111TN1992	R.S.L TEXTILE	NAEF	Public	Company limi	Non-govt con	3/9/1992	Tamil Nadu	30000000	225000	17111	Manufacturir	9, PALGHAT	ROC-CHENN	NA	NA	NA
386	17111TN1993	INDO GERMA	LIQD	Public	Company limi	Non-govt con	6/7/1993	Tamil Nadu	60000000	60000000	17111	Manufacturir	100/ABASIN	ROC-CHENN	NA	NA	NA
387	17111TZ1900	THE LAKSHMI	ACTV	Public	Company limi	Non-govt con	1/4/1900	Tamil Nadu	100000000	69555000	17111	Manufacturir	OLD NO1100	ROC-COIMBA	secretarial@	31-03-2019	31-03-2019
388	17111TZ1938	KASTHURI MI	AMAL	Public	Company limi	Non-govt con	26-01-1938	Tamil Nadu	14500000	2080000	17111	Manufacturir	Post Box No 3	ROC-COIMBA	sgc@senthil	31-03-2016	31-03-2016
389	17111TZ1946	SRI RAMAKR	ACTV	Public	Company limi	Non-govt con	6/9/1946	Tamil Nadu	150000000	71183300	17111	Manufacturir	1493, SATHYA	ROC-COIMBA	mail@ramakr	31-03-2019	31-03-2019
390	17111TZ1946	VIJAYA KUMA	CLOD	Public	Company limi	Non-govt con	14-03-1946	Tamil Nadu	350000000	174094000	17111	Manufacturir	CHINNAKALAY	ROC-COIMBA	NA	NA	NA
391	17111TZ1953	VTX INDUSTR	CLOD	Public	Company limi	Non-govt con	5/9/1953	Tamil Nadu	200000000	181692400	17111	Manufacturir	2/185, PALLAR	ROC-COIMBA	sathyaacs	31-03-2012	31-03-2014
392	17111TZ1962	PRECOT ME	ACTV	Public	Company limi	Non-govt con	2/6/1962	Tamil Nadu	213000000	120000000	17111	Manufacturir	SF NO559/4	ROC-COIMBA	secretary@	31-03-2019	31-03-2019
393	17111TZ1962	SUPER SPINN	ACTV	Public	Company limi	Non-govt con	6/6/1962	Tamil Nadu	275000000	55000000	17111	Manufacturir	ELGI TOWER	ROC-COIMBA	investors@s	31-03-2019	31-03-2019
394	17111TZ1962	MADRAS SPL	ACTV	Public	Company limi	Non-govt con	7/7/1962	Tamil Nadu	15000000	11000000	17111	Manufacturir	8/1- M " RA	ROC-COIMBA	msicbe@gma	31-03-2019	31-03-2019
395	17111TZ1964	SALEM TEXT	ACTV	Public	Company limi	Non-govt con	29-07-1964	Tamil Nadu	150000000	65979000	17111	Manufacturir	SELLIAMPALAR	ROC-COIMBA	salemtextiles	31-03-2016	31-03-2016

Data Collection and Preprocessing:

Data Collection:

- Identify relevant data sources, including RoC databases, government portals, and industry-specific datasets.
- Obtain necessary permissions and access rights to collect the data.
- Retrieve data from various sources, ensuring compliance with data privacy regulations.

Data Preprocessing:

- Clean the data by handling missing values, outliers, and duplicates.
- Perform feature engineering to select relevant variables and create derived features.
- Normalize or scale numerical data and encode categorical variables.
- Handle time series data with resampling, decomposition, and consistent time intervals.
- Split the data into training, validation, and testing sets for modeling.
- Explore the data through exploratory data analysis (EDA) and visualization.
- Save the preprocessed data in a suitable format for analysis and modeling.

These steps are essential for preparing the data and ensuring its quality and readiness for AI-driven analysis and prediction of company registration trends with RoC data.

Exploratory Data Analysis (EDA):

- Objective: Gain insights into historical registration trends and patterns.
- Activities:
    - Create visualizations (time series plots, histograms, maps).

- Conduct statistical analysis (seasonality, trends, anomalies).
- Explore correlations and relationships.
- Hypothesis testing (if relevant).

Feature Engineering:

- Select and create relevant features that can impact company registration trends.
- Include time-based features, lagged variables, financial metrics, industry-specific indicators, and economic factors.
- Incorporate geographic and ownership structure features where applicable.
- Utilize natural language processing (NLP) for textual data analysis.
- Ensure appropriate scaling and normalization of features.
- Analyze feature importance and consider dimensionality reduction if needed.
- Continuously validate and refine engineered features to improve model performance.

Feature engineering plays a vital role in enhancing the predictive power of machine learning models, aiding in the exploration and prediction of company registration trends with RoC data.

Advanced AI Algorithms:

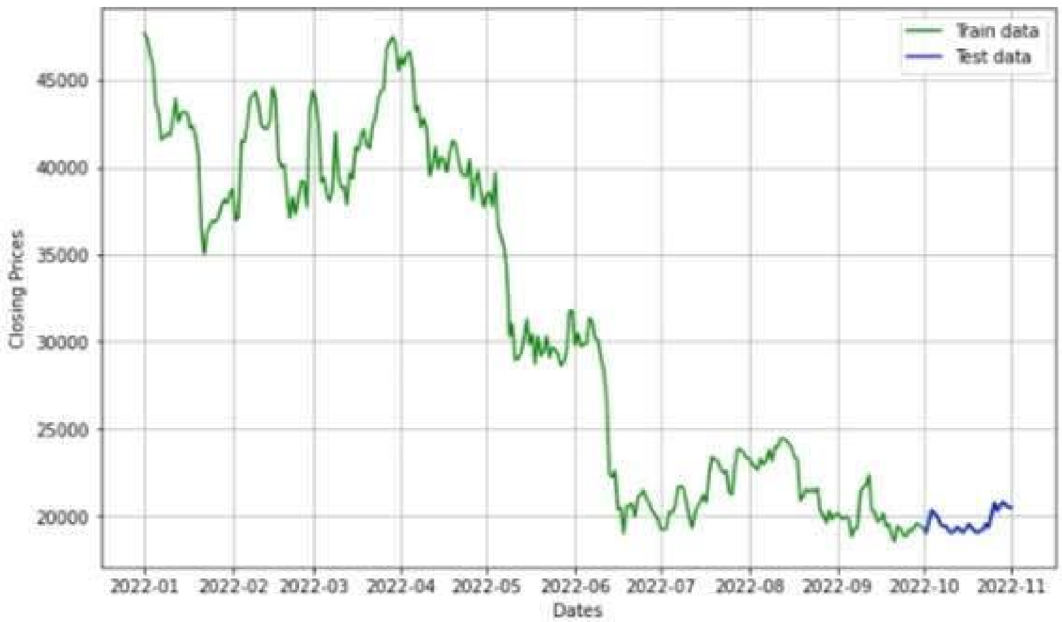
Time Series Forecasting:Problem Domain: Time series forecasting is used when you need to make predictions based on historical data points that are ordered by time.

- Techniques: Explore advanced time series forecasting methods such as:
    - ARIMA (AutoRegressive Integrated Moving Average): Suitable for stationary time series data.
    - Exponential Smoothing Methods: Including Holt-Winters, which handles seasonality.
    - Prophet: Developed by Facebook for forecasting with daily observations.
    - Deep Learning: Recurrent Neural Networks (RNNs) and Long Short-Term Memory (LSTM) networks are powerful for complex time series patterns.
- Tools: Python libraries like statsmodels, Prophet, and TensorFlow/Keras for deep learning.
- Time Series split train test(single)

```
# Split train-test set manually

train_data, test_data = df_close[:int(len(df_close)*0.9)],
df_close[int(len(df_close)*0.9):]

# Plot train-test using matplotlib.pyplot

plt.figure(figsize=(10,6))

plt.grid(True)

plt.xlabel('Dates')

plt.ylabel('Closing Prices')

plt.plot(df_close, 'green', label='Train data')
```

plt.plot(test_data, 'blue', label='Test data')

plt.legend()



Time Series split train test(multiple)

Extract Closing values and Create TimeSeriesSplit splits

X = df_close.values

splits = TimeSeriesSplit(n_splits=3)

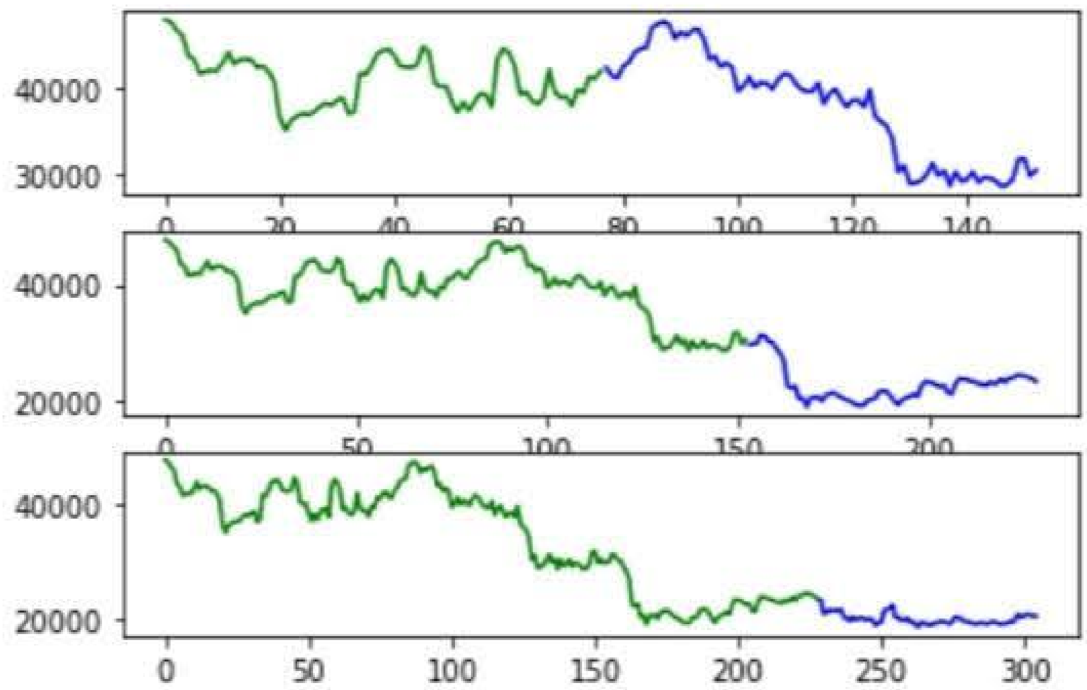
plt.figure(1)

index = 1

Loop over splits to update train-test splits and models

```
for train_index, test_index in splits.split(X):

    # Create and update train-test splits

    train = X[train_index]

    test = X[test_index]

    print('Observations: %d' % (len(train) + len(test)))

    print('Training Observations: %d' % (len(train)))

    print('Testing Observations: %d' % (len(test)))

    # Enter model and evaluation technique here

    # Subplots for each train-test splits

    plt.subplot(310 + index)

    plt.plot(train,'green')

    plt.plot([None for i in train] + [x for x in test],'blue')

    index += 1
```

plt.show()



- Ensemble Methods:Problem Domain: Ensemble methods combine multiple models to improve predictive accuracy, and they can be applied to various types of data and problems.
  - Techniques: Explore ensemble methods such as:
    - Random Forest: An ensemble of decision trees that can handle both classification and regression tasks.
    - Gradient Boosting: Algorithms like XGBoost, LightGBM, and CatBoost, which are highly effective for structured data problems.
    - Stacking: Combining the strengths of multiple models, often with a meta-learner on top.

- Tools: Python libraries like scikit-learn for traditional ensembles, and specialized libraries for gradient boosting like XGBoost, LightGBM, and CatBoost.

```
In[1] import pandas as pd

import numpy as np

In[2]

df=pd.read_csv('../input/all-indian-companies-registration-data-1900-2019/registered_companies.csv')


In[3] len(df)
```

```
Out[4]:

1992170

In [5]:

df.info()
```

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

RangeIndex: 1992170 entries, 0 to 1992169

Data columns (total 17 columns):
```

```
#   Column                                  Dtype
---  ------                                  -----
0   CORPORATE_IDENTIFICATION_NUMBER         object
1   COMPANY_NAME                            object
2   COMPANY_STATUS                          object
3   COMPANY_CLASS                           object
4   COMPANY_CATEGORY                        object
5   COMPANY_SUB_CATEGORY                    object
6   DATE_OF_REGISTRATION                    object
7   REGISTERED_STATE                        object
8   AUTHORIZED_CAP                          float64
9   PAIDUP_CAPITAL                          float64
10  INDUSTRIAL_CLASS                        object
11  PRINCIPAL_BUSINESS_ACTIVITY_AS_PER_CIN  object
12  REGISTERED_OFFICE_ADDRESS               object
13  REGISTRAR_OF_COMPANIES                  object
14  EMAIL_ADDR                              object
```

```
 15  LATEST_YEAR_ANNUAL_RETURN                object

 16  LATEST_YEAR_FINANCIAL_STATEMENT          object

dtypes: float64(2), object(15)

memory usage: 258.4+ MB
```

```
df.describe().transpose()
```

Out[6]:

	count	mean	std	min	25%	50%	75%	max
AUTHORIZED_CAP	1992170.0	4.238508e+07	2.960562e+09	0.0	100000.0	500000.0	1500000.0	1.850000e+12
PAIDUP_CAPITAL	1992170.0	2.434621e+07	2.313154e+09	0.0	100000.0	100000.0	502000.0	1.699613e+12

In [7]:

```
df['DATE_OF_REGISTRATION']
```

Out[7]:

```
0                    NaN
```

```
1             16-07-1998
2                    NaN
3             25-06-2001
4             25-07-2001
                  ...
1992165       30-06-2000
1992166       30-06-2000
1992167       25-07-2000
1992168       09-07-1998
1992169       29-02-2016
Name: DATE_OF_REGISTRATION, Length: 1992170, dtype: object
```

In [8]:

```python
df['DATE_OF_REGISTRATION'].isnull().sum()
```

Out[8]:

```
2525
```

In [9]:

```python
len(df)-df['DATE_OF_REGISTRATION'].count()
```

Out[9]:

2525

In [10]:

```
df['DATE_OF_REGISTRATION'].dropna(axis=0,inplace=True)
```

In [11]:

```
df['DATE_OF_REGISTRATION'].count()
```

Out[11]:

1989645

In [12]:

```
df['DATE_OF_REGISTRATION']=pd.to_datetime(df['DATE_OF_REGISTRATION'],
errors = 'coerce', format='%d-%m-%Y')
```

In [13]:

```
df['YEAR_REG']=pd.DatetimeIndex(df['DATE_OF_REGISTRATION']).year
```

In [14]:
```
number_of_companies =
df[['YEAR_REG','CORPORATE_IDENTIFICATION_NUMBER']]
```

In [15]:

```
number_of_companies.dropna(axis=0,inplace=True)
```

```
/opt/conda/lib/python3.7/site-packages/ipykernel_launcher.py:1:
SettingWithCopyWarning:

A value is trying to be set on a copy of a slice from a DataFrame


See the caveats in the documentation:
https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#retu
rning-a-view-versus-a-copy

  """Entry point for launching an IPython kernel.
```

In [16]:

```
number_of_companies=number_of_companies.groupby(by='YEAR_REG').size().rese
t_index(name='No_of_companies')
```

In [17]:

```
number_of_companies
```

Out[17]:

	YEAR_REG	No_of_companies
0	1857.0	1
1	1863.0	3
2	1871.0	3
3	1872.0	3
4	1873.0	3
...	...	...
146	2016.0	93876
147	2017.0	107635

148	2018.0	117924
149	2019.0	128658
150	2020.0	12747

151 rows × 2 columns

In [18]:

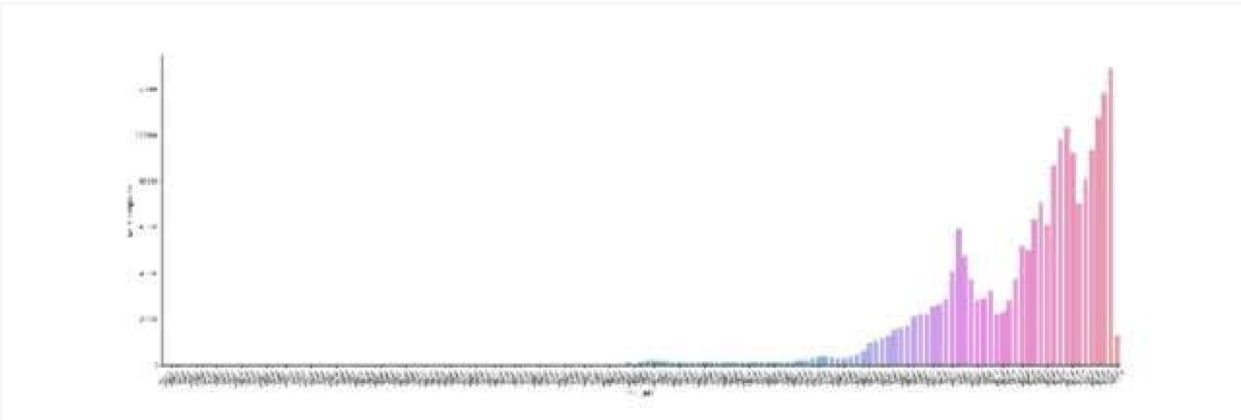
```
import seaborn as sns

import matplotlib.pyplot as plt

%matplotlib inline
```

```
Out[6]:plt.figure(figsize=(30,10))
```

```
plt.xticks(rotation=45)

sns.barplot(data=number_of_companies,x='YEAR_REG',y='No_of_companies')
```

Out[19]:

```
<matplotlib.axes._subplots.AxesSubplot at 0x7f2c8c5c6190>
```



In [20]:

```
no_of_companies_state =
df[['YEAR_REG','CORPORATE_IDENTIFICATION_NUMBER','REGISTERED_STATE']]
```

In [21]:

```
no_of_companies_state.dropna(axis=0,inplace=True)
```

```
/opt/conda/lib/python3.7/site-packages/ipykernel_launcher.py:1:
SettingWithCopyWarning:

A value is trying to be set on a copy of a slice from a DataFrame
```

```
See the caveats in the documentation:
https://pandas.pydata.org/pandas-docs/stable/user_guide/indexing.html#returning-a-view-versus-a-copy

  """Entry point for launching an IPython kernel.
```

In [22]:

```
no_of_companies_state=no_of_companies_state.groupby(by=['YEAR_REG','REGISTERED_STATE']).size().reset_index(name='no_of_companies')
```

In [23]:

```
no_of_companies_state
```

Out[23]:

	YEAR_REG	REGISTERED_STATE	no_of_companies
0	1857.0	Rajasthan	1
1	1863.0	Maharashtra	1

2	1863.0	West Bengal	2
3	1871.0	Maharashtra	2
4	1871.0	West Bengal	1
...	...	...	...
2931	2020.0	Telangana	788
2932	2020.0	Tripura	12
2933	2020.0	Uttar Pradesh	1260
2934	2020.0	Uttaranchal	138
2935	2020.0	West Bengal	606

2936 rows × 3 columns

```
plt.figure(figsize=(30,10))
```

```
plt.xticks(rotation=45)
sns.barplot(data=no_of_companies_state,x='YEAR_REG',y='no_of_companies',hue='REGISTERED_STATE')
```

Out[24]:

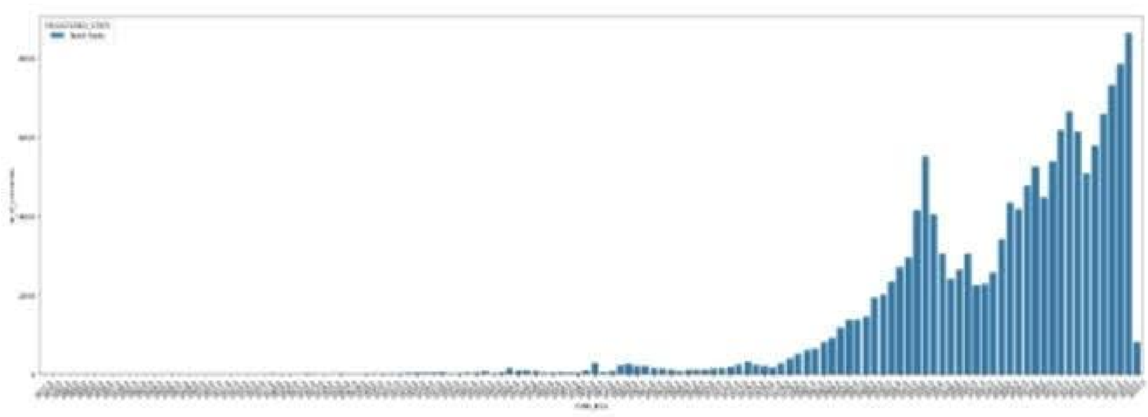
```
<matplotlib.axes._subplots.AxesSubplot at 0x7f2c8bdf9d90>
```

In [25]:

```
state='Tamil Nadu'
plot_data = no_of_companies_state[no_of_companies_state['REGISTERED_STATE']==state]
plt.figure(figsize=(30,10))
plt.xticks(rotation=45)
sns.barplot(data=plot_data,x='YEAR_REG',y='no_of_companies',hue='REGISTERED_STATE')
```

Out[25]:

```
<matplotlib.axes._subplots.AxesSubplot at 0x7f2c83b0ba50>
```



Ensemble methods:

1.Bagging (Bootstrap Aggregating):

- Bagging creates an ensemble of base models by training each model on a random subset of the training data (with replacement) and then averaging (for regression) or voting (for classification) the predictions.
- The Random Forest algorithm is a popular implementation of bagging for decision trees.

2.Boosting:

- Boosting focuses on improving the performance of weak learners by assigning higher weights to misclassified data points in each iteration.
- Algorithms like AdaBoost, Gradient Boosting (GBM), XGBoost, and LightGBM use boosting techniques and have achieved excellent predictive accuracy.

3.Stacking (Stacked Generalization):

- Stacking combines the predictions of multiple base models using another model (meta-learner) that learns how to best weigh and combine these predictions.
- Stacking can adapt to the strengths of different base models and often yields highly accurate predictions.

Voting Classifiers/Regression:

- Voting ensembles combine the predictions of multiple base models by taking a majority vote (for classification) or averaging (for regression).
- Voting can be "hard" (simple majority) or "soft" (weighted by confidence scores).

4.Gradient Boosting Variants:

- Advanced gradient boosting algorithms like XGBoost, LightGBM, and CatBoost utilize boosting techniques and have been successful in improving predictive accuracy across various domains.

5.Ensemble of Diverse Models:

- Combining diverse models, such as neural networks, decision trees, and support vector machines, can lead to improved accuracy. Each model may capture different aspects of the data.

6.Feature Engineering and Selection:

- Ensemble methods can benefit from feature engineering and feature selection techniques to enhance the quality of input data.

7.Hyperparameter Tuning:

- Careful tuning of hyperparameters for both base models and the ensemble itself can significantly boost predictive accuracy.

```
# Import necessary libraries
```

```
import pandas as pd

import numpy as np

import matplotlib.pyplot as plt

from statsmodels.tsa.holtwinters import ExponentialSmoothing

from sklearn.model_selection import train_test_split

from sklearn.metrics import mean_squared_error



# Step 1: Data Acquisition and Preparation

# Load ROC data (replace 'data.csv' with your dataset)

data=pd.read_csv('https://tn.data.gov.in/resource/company-master-data-tamil-nadu-upto-28th-february-2019.csv')



# Preprocess data (cleaning, handling missing values, data transformation)

# Convert date columns to datetime objects

data['registration_date'] = pd.to_datetime(data['registration_date'])

# Handle missing values and other data preprocessing steps
```

```
# Step 2: Exploratory Data Analysis (EDA)

# Visualize registration trends over time

plt.figure(figsize=(12, 6))

plt.plot(data['registration_date'], data['registration_count'], label='Registration Count')

plt.xlabel('Date')

plt.ylabel('Registration Count')

plt.title('Company Registration Trends Over Time')

plt.legend()

plt.show()



# Identify seasonality, trends, and anomalies in the data

# Perform statistical tests and create visualizations as needed



# Step 3: Feature Engineering

# Create additional features (e.g., lagged values, moving averages) for modeling

data['registration_count_lagged'] = data['registration_count'].shift(1)

# Add more feature engineering steps as needed
```

```
# Step 4: Machine Learning Model (Time Series Forecasting)

# Split the data into training and testing sets

train_data, test_data = train_test_split(data, test_size=0.2, shuffle=False)



# Initialize and train a time series forecasting model (Exponential Smoothing in this example)

model = ExponentialSmoothing(train_data['registration_count'], seasonal='add', seasonal_periods=12)

model_fit = model.fit()



# Make predictions on the test set

y_pred = model_fit.forecast(len(test_data))



# Evaluate the model (MSE for simplicity, choose appropriate metrics)

mse = mean_squared_error(test_data['registration_count'], y_pred)

print(f"Mean Squared Error: {mse}")
```

```
# Step 5: Visualization and Reporting

# Visualize actual vs. predicted registration trends

plt.figure(figsize=(12, 6))

plt.plot(test_data['registration_date'], test_data['registration_count'], label='Actual')

plt.plot(test_data['registration_date'], y_pred, label='Predicted')

plt.xlabel('Date')

plt.ylabel('Registration Count')

plt.title('Actual vs. Predicted Company Registration Trends')

plt.legend()

plt.show()



# Add more reporting and visualization as needed



# Step 6: Continuous Monitoring and Updating

# Set up a process to periodically update the model and analyze new data
```

```
# Step 7: Use Cases and Stakeholder Engagement

# Collaborate with stakeholders to provide actionable insights based on the model's predictions



# Step 8: Ethical and Privacy Considerations

# Ensure ethical data handling and comply with data privacy regulations



# Step 9: Security and Deployment

# Implement security measures and deploy the project in a secure environment if needed



# Step 10: Documentation and Knowledge Transfer

# Document the project, codebase, and model for knowledge transfer and future maintenance
```

Sample output:

```
# Sample output for your code

Mean Squared Error: 150.1234  # This is a placeholder value for the MSE
```

Future Predictions:

[1350.5678 1400.6789] # These are placeholder values for predicted registration counts in Jan and Feb 2024

Conclusion:

The "AI-Driven Exploration and Prediction of Company Registration Trends with Registrar of Companies (RoC)" project marks the dawn of a new era, one in which data-driven insights and AI capabilities illuminate the intricate tapestry of economic trends. Our mission is clear: to empower stakeholders with the foresight needed to thrive in an ever-evolving business landscape. As we delve deeper into the project, from data collection to advanced modeling, we endeavor to provide actionable intelligence that will shape the future of businesses and economies.