1. Loksabha Election (ele)

	A	B	C	D	E	F	G	H	I	J	K
1	st_name	year	pc_no	pc_name	pc_type	cand_nam	cand_sex	partyname	partyabbr	totvotpoll	electors
2	Andaman i	1977	1	Andaman i	GEN	K.R. Ganes	M	Independe	IND	25168	85308
3	Andaman i	1977	1	Andaman i	GEN	Manoranja	M	Indian Nat	INC	35400	85308
4	Andaman i	1980	1	Andaman i	GEN	Ramesh M	M	Independe	IND	109	96084
5	Andaman i	1980	1	Andaman i	GEN	Alagiri Swa	M	Independe	IND	125	96084
6	Andaman i	1980	1	Andaman i	GEN	Kannu Che	M	Independe	IND	405	96084
7	Andaman i	1980	1	Andaman i	GEN	K.N. Raju	M	Independe	IND	470	96084
8	Andaman i	1980	1	Andaman i	GEN	Rajender L	M	Janta Party	JNP(S)	717	96084
9	Andaman i	1980	1	Andaman i	GEN	Karpu Swa	M	Independe	IND	1123	96084
10	Andaman i	1980	1	Andaman i	GEN	Samar Cho	M	Janta Party	JNP	2034	96084
11	Andaman i	1980	1	Andaman i	GEN	K. Kanda S	M	Independe	IND	15856	96084
12	Andaman i	1980	1	Andaman i	GEN	P.K.S. Pras	M	Communis	CPM	16014	96084
13	Andaman i	1980	1	Andaman i	GEN	Manoranja	M	Indian Nat	INC(I)	42046	96084
14	Andaman i	1984	1	Andaman i	GEN	Kandaswa	M	Independe	IND	505	115565
15	Andaman i	1984	1	Andaman i	GEN	Mahanand	M	Independe	IND	780	115565
16	Andaman i	1984	1	Andaman i	GEN	A.A.J.Hazr	M	Independe	IND	1695	115565
17	Andaman i	1984	1	Andaman i	GEN	Nilima Das	F	Communis	CPM	11086	115565
18	Andaman i	1984	1	Andaman i	GEN	K.Kandasw	M	Lok Dal	LKD	27883	115565
19	Andaman i	1984	1	Andaman i	GEN	Manoranja	M	Indian Nat	INC	47019	115565

2. State Election (stele)

	A	B	C	D	E	F	G	H	I	J	K
1	st_name	year	ac_no	ac_name	ac_type	cand_nam	cand_sex	partyname	partyabbr	totvotpoll	electors
2	Andhra Pra	1978	1	Ichapuram	GEN	Manabala	M	Independe	IND	813	83247
3	Andhra Pra	1978	1	Ichapuram	GEN	Appadu Sa	M	Independe	IND	1743	83247
4	Andhra Pra	1978	1	Ichapuram	GEN	Uppada Ra	M	Indian Nat	INC	4427	83247
5	Andhra Pra	1978	1	Ichapuram	GEN	Kalla Balar	M	Indian Nat	INC(I)	19805	83247
6	Andhra Pra	1978	1	Ichapuram	GEN	Bendalam	M	Janata Par	JNP	34251	83247
7	Andhra Pra	1978	2	Sompeta	GEN	Ganni Padi	M	Indian Nat	INC	2694	91272
8	Andhra Pra	1978	2	Sompeta	GEN	Tulasidas	M	Indian Nat	INC(I)	28251	91272
9	Andhra Pra	1978	2	Sompeta	GEN	Gouthu La	M	Janata Par	JNP	42251	91272
10	Andhra Pra	1978	3	Tekkali	GEN	Hussana B	F	Indian Nat	INC(I)	7998	90959
11	Andhra Pra	1978	3	Tekkali	GEN	Satharu La	M	Indian Nat	INC	22502	90959
12	Andhra Pra	1978	3	Tekkali	GEN	Bammaidi	M	Janata Par	JNP	36206	90959
13	Andhra Pra	1978	4	Harishchar	GEN	Goddu Lat	M	Indian Nat	INC(I)	10809	89545
14	Andhra Pra	1978	4	Harishchar	GEN	Krishna Mu	M	Janata Par	JNP	24070	89545
15	Andhra Pra	1978	4	Harishchar	GEN	Appalanar	M	Indian Nat	INC	26381	89545
16	Andhra Pra	1978	5	Narasanna	GEN	Gudiya Rai	M	Independe	IND	1194	84082
17	Andhra Pra	1978	5	Narasanna	GEN	Baggu Sard	F	Indian Nat	INC	12844	84082
18	Andhra Pra	1978	5	Narasanna	GEN	Simma Jag	M	Janata Par	JNP	22397	84082
19	Andhra Pra	1978	5	Narasanna	GEN	Dola Seeta	M	Indian Nat	INC(I)	28123	84082
20	Andhra Pra	1978	6	Patapatna	GEN	Lingala Jar	M	Independe	IND	565	85052

3. Maharashra Election 2014

	Y	Z	AA	AB	AC	AD	AE	AF	AG	AH	AI	AJ	AK	AL	AM	AN	AO	AP	AQ	AR	AS	AT	AU
1	Margin	Margin_Pe	ENOP	pid	Party_Typ	Party_ID	last_poll	Contested	Last_Party	Last_Party	Last_Cons	Same_Con	Same_Part	No_Terms	Turncoat	Incumbent	Recontest	MyNeta_e	TCPD_Prof	TCPD_Prof	TCPD_Prof	TCPD_Prof	Election_Typ
2	2096	1.04	2.94	GEMH379	National P	3482	TRUE	6	INC		3482	AKKALKUV	TRUE	TRUE	6	FALSE	TRUE	TRUE	Post Grad	Agriculture				State Assemb
3	59010	29.41	2.94	AEMH842	State-base	18691	TRUE	2	SHS		18691	AKKALKUV	TRUE	TRUE	0	FALSE	FALSE	TRUE	12th Pass	Other				State Assemb
4	16807	8.38	2.94	AEMH842	Independe	10809	TRUE	2	BJP		1605	AKKALKUV	TRUE	FALSE	0	FALSE	FALSE	TRUE	12th Pass	Agriculture				State Assemb
5	802	0.4	2.94		NOTA	5897	TRUE																	State Assemb
6	271	0.14	2.94	AEMH115	State-base	13	TRUE	1							0	FALSE	FALSE	FALSE	Post Grad	Liberal Prc Lawyer				State Assemb
7	960	0.48	2.94	AEMH115	Independe	10809	TRUE	1							0	FALSE	FALSE	FALSE	Graduate	Other				State Assemb
8	0	0	2.94	AEMH115	Local Party	2055	TRUE	1							0	FALSE	FALSE	FALSE	Graduate I	Liberal Prc Doctor		Traditiona	Traditiona	State Assemb
9	7991	3.8	2.63	AEMH115	National P	1605	TRUE	1							1	FALSE	FALSE	FALSE	Graduate	Former Go Ex Police	Agriculture			State Assemb
10	65927	31.34	2.63	AEMH978	National P	3482	TRUE	6	INC		3482	SHAHADA	TRUE	TRUE	3	FALSE	FALSE	TRUE	Graduate I	Agriculture				State Assemb
11	16953	8.06	2.63	AEMH115	Independe	10809	TRUE	1							0	FALSE	FALSE	FALSE	Graduate I	Retired or Pension	Agriculture			State Assemb
12	611	0.29	2.63	AEMH106	Local Party	2560	TRUE	6	CPM		14635	SHAHADA	TRUE	FALSE	0	TRUE	FALSE	TRUE	8th Pass	Agriculture				State Assemb
13	0	0	2.63		NOTA	5897	TRUE																	State Assemb
14	70396	37.35	2.04	AEMH978	National P	1605	TRUE	6	BJP		1605	NANDURB	TRUE	TRUE	6	FALSE	TRUE	TRUE	Post Grad	Agriculture				State Assemb
15	44475	23.6	2.04	AEMH108	National P	3482	TRUE	6	BJP		1605	SHAHADA	FALSE	FALSE	1	TRUE	TRUE	TRUE	12th Pass	Agriculture				State Assemb
16	3213	1.7	2.04	AEMH115	Local Party	24559	TRUE	1							0	FALSE	FALSE	FALSE	Post Grad	Small Business or Self-employed				State Assemb
17	1474	0.78	2.04		NOTA	5897	TRUE																	State Assemb
18	122	0.06	2.04	AEMH115	Independe	10809	TRUE	1							0	FALSE	FALSE	FALSE	8th Pass	Labourer or Daily Wage				State Assemb

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
1	State_Nar	Assembly_	Constituer	Year	month	DelimID	Poll_No	Position	Candidate	Sex	Party	Votes	Age	Candidate	Valid_Vot	Electors	Constituer	Constituer	District_N	Sub_Regic	N_Cand	Turnout_P	Vote_Shar
2	Maharash	13	1	2019	10	4	0	1	ADV. K. C. M		INC	82770	61	ST	200628	278888	AKKALKUV	ST	NANDURB	KHANDESH	6	71.94	41.26
3	Maharash	13	1	2019	10	4	0	2	AAMSHYA M		SHS	80674	51	ST	200628	278888	AKKALKUV	ST	NANDURB	KHANDESH	6	71.94	40.21
4	Maharash	13	1	2019	10	4	0	3	NAGESH D M		IND	21664	44	ST	200628	278888	AKKALKUV	ST	NANDURB	KHANDESH	6	71.94	10.8
5	Maharash	13	1	2019	10	4	0	4	NOTA		NOTA	4857			200628	278888	AKKALKUV	ST	NANDURB	KHANDESH	6	71.94	2.42
6	Maharash	13	1	2019	10	4	0	5	ADV. KAIL M		AAAP	4055	28	ST	200628	278888	AKKALKUV	ST	NANDURB	KHANDESH	6	71.94	2.02
7	Maharash	13	1	2019	10	4	0	6	BHARAT JA M		IND	3784	27	ST	200628	278888	AKKALKUV	ST	NANDURB	KHANDESH	6	71.94	1.89
8	Maharash	13	1	2019	10	4	0	7	DR.SANJA' M		BTP	2824	27	ST	200628	278888	AKKALKUV	ST	NANDURB	KHANDESH	6	71.94	1.41
9	Maharash	13	2	2019	10	4	0	1	Rajesh Ud M		BJP	94931	50	ST	210393	320555	SHAHADA	ST	NANDURB	KHANDESH	4	65.63	45.12
10	Maharash	13	2	2019	10	4	0	2	Adv.Padm M		INC	86940	51	ST	210393	320555	SHAHADA	ST	NANDURB	KHANDESH	4	65.63	41.32
11	Maharash	13	2	2019	10	4	0	3	Eng.Jelsing M		IND	21013	59	ST	210393	320555	SHAHADA	ST	NANDURB	KHANDESH	4	65.63	9.99
12	Maharash	13	2	2019	10	4	0	4	Mali Jaysir M		CPIM	4060	66	ST	210393	320555	SHAHADA	ST	NANDURB	KHANDESH	4	65.63	1.93
13	Maharash	13	2	2019	10	4	0	5	NOTA		NOTA	3449			210393	320555	SHAHADA	ST	NANDURB	KHANDESH	4	65.63	1.64
14	Maharash	13	3	2019	10	4	0	1	VIJAYKUM M		BJP	121605	64	ST	188489	339098	NANDURB	ST	NANDURB	KHANDESH	6	55.59	64.52
15	Maharash	13	3	2019	10	4	0	2	UDESING I M		INC	51209	71	ST	188489	339098	NANDURB	ST	NANDURB	KHANDESH	6	55.59	27.17
16	Maharash	13	3	2019	10	4	0	3	DIPA SHAN F		VBA	6734	33	ST	188489	339098	NANDURB	ST	NANDURB	KHANDESH	6	55.59	3.57
17	Maharash	13	3	2019	10	4	0	4	NOTA		NOTA	3521			188489	339098	NANDURB	ST	NANDURB	KHANDESH	6	55.59	1.87
18	Maharash	13	3	2019	10	4	0	5	ANANDA S M		IND	2047	52	ST	188489	339098	NANDURB	ST	NANDURB	KHANDESH	6	55.59	1.09

```sql
1    use ele;
2    select * from ele;
3
4    /* Vote percent candidate wise*/
5    select
6     *,
7    row_number() over(partition by st_name, year,
8     pc_no order by totvotpoll desc) as position,
9     (totvotpoll/electors)*100 as votpercent
10    from ele;
11
12
13    /* total Vote percent*/
14    select
15     *,
16    (totalvotes/outof)*100 as voteper
17    from
18
19    (select st_name, year, pc_no, pc_name,
20     sum(totvotpoll) as totalvotes,
21     avg(electors) as outof
22     from ele
23     group by st_name, year, pc_no, pc_name)q1
24     ;
25
26    /* total electrors*/
27    select
28     year, st_name, sum(outof) as total_electors
29     from
30
31    (select st_name, year, pc_no, pc_name,
32     sum(totvotpoll) as totalvotes,
33     avg(electors) as outof
34     from ele
35     group by st_name, year, pc_no, pc_name)q1
36     group by year, st_name
37     ;
38
39
40    /*Winning Candidates*/
41    select * from (select * from (select
42     *,
43    row_number() over(partition by st_name, year,
44     pc_no order by totvotpoll desc) as position,
45     (totvotpoll/electors)*100 as votpercent
46     from ele)q1
47     where position=1)ww
48     where year =2014
49     ;
```

```sql
52      /* Each state is won by */
53  •  select * from (select
54      *,
55      dense_rank() over(partition by year,
56       st_name order by seats desc) as rowa
57      from
58      (select
59      year,
60      st_name,
61      partyabbre,
62      count(cand_name) as seats
63      from
64      (select
65       *,
66       row_number() over(partition by st_name,
67       year, pc_no order by totvotpoll desc) as position,
68       (totvotpoll/electors)*100 as votpercent
69       from ele)q2
70       where position =1
71       group by year, st_name, partyabbre)q3)q4
72       where rowa = 1
73       ;

78      /* Highest no. of times elected*/
79
80  •  select cand_name, st_name, pc_name,
81       count(position) as wontimes,
82       avg(totvotpoll) as avgvotes,
83       max(year) as last_elected,
84       min(year) as first_elected
85       from
86      (select * from (select
87       *,
88       row_number() over(partition by st_name,
89       year, pc_no order by totvotpoll desc) as position,
90       (totvotpoll/electors)*100 as votpercent
91       from ele)q1
92       where position=1)q2
93       group by cand_name, st_name, pc_name
94       order by wontimes desc
95       ;
```

```sql
97      /*Highest seats in each election year and was there a change in reginm*/
98
99 •    select
100     *,
101     (case when (lag(partyabbre) over()) = partyabbre then 0 else 1 end) as changa
102     from
103
104     (select *
105       from
106     (select *, row_number() over(partition by year order by seats desc) as rowa
107       from
108     (select year, partyabbre, sum(position) as seats
109       from
110     (select * from (select
111       *,
112     row_number() over(partition by st_name,
113     year, pc_no order by totvotpoll desc) as position,
114     (totvotpoll/electors)*100 as votpercent
115     from ele)q1
116     where position=1)q2
117     group by year, partyabbre
118     order by year)q2)q3
119     where rowa =1)q4
120
121     ;
127        /*state winning candidate*/
128 •    select
129     *
130     from
131     (select *,
132     row_number() over(partition by year,
133     st_name, ac_no order by totvotpoll desc) as position
134     from stele)q1
135     where position =1
136     ;
137
138
139        /*Position added*/
140 •   select *,
141     row_number() over(partition by year,
142     st_name, ac_no order by totvotpoll desc) as position
143     from stele
144     ;
```

```sql
146      /*Each Party seats in each election*/
147  •   select
148      year, st_name,partyabbre, count(cand_name) as seats
149      from
150
151      (select
152          *
153      from
154      (select *,
155      row_number() over(partition by year,
156      st_name, ac_no order by totvotpoll desc) as position
157      from stele)q1
158      where position =1)q2
159
160      group by year, st_name, partyabbre
161      ;

164      /*Single most Party seats in each election*/
165  •   select * from
166      (select *,
167      row_number() over(partition by year, st_name order by seats desc) as rowa
168      from
169      (select
170      year, st_name,partyabbre, count(cand_name) as seats,
171      sum(totvotpoll) as t, sum(electors) as e
172      from
173
174      (select
175          *
176      from
177      (select *,
178      row_number() over(partition by year, st_name,
179      ac_no order by totvotpoll desc) as position
180      from stele)q1
181      where position =1)q2
182
183      group by year, st_name, partyabbre)q3)q4
184      where rowa =1
185
186      ;
```

```sql
188        /*Vote percent each year*/
189 •      select
190        year,
191        (sum(votes)/sum(av))*100 as vp
192        from
193
194    ⊖   (select
195        *,
196        (votes/av)*100 as vp
197        from
198    ⊖   (select st_name, ac_name, ac_no,year,
199        sum(totvotpoll) as votes, avg(electors) as av
200        from stele
201        group by st_name, ac_name,ac_no, year)q1
202        where votes >0)q2
203        group by year
204        ;
208 •    select
209        year, partyabbre,
210        (sum(votes)/sum(av))*100 as vp
211        from
212
213    ⊖   (select
214        *,
215        (votes/av)*100 as vp
216        from
217    ⊖   (select st_name, ac_name, ac_no,partyabbre,
218        year, sum(totvotpoll) as votes, avg(electors) as av
219        from stele
220        group by st_name, ac_name,ac_no,partyabbre, year)q1
221        where votes >0)q2
222        group by year, partyabbre
223
224        ;
```

```sql
      /*COuntry's Yearwise scenario*/
with c1 as(Select * from (select * from
 (select *,
  row_number() over(partition by y1, s1 order by seats desc) as rowa
  from
 (select
  year as y1, st_name as s1,partyabbre,
  count(cand_name) as seats,
  sum(totvotpoll) as t, sum(electors) as e
  from

 (select
  *
  from
 (select *,
  row_number() over(partition by year,
  st_name, ac_no order by totvotpoll desc) as position
  from stele)q1
  where position =1)q2

  group by y1, s1, partyabbre)q3)q4
  where rowa =1) a
  join
 (select *, (case when leadyy = null then y2 else leadyy end) as leady from
 (select *, lag(y2) over(partition by st_name) as lagy,
  lead(y2) over(partition by st_name) as leadyy
  from
 (select st_name, year as y2
  from stele
  group by st_name, y2)q1)d )b

  on a.s1=b.st_name and a.y1=b.y2
 order by a.y1),

  c2 as (select year as y3 from stele group by year order by year )

  select
  *
  from
 (select
  *, (case when leady is null then 2015 else leady end) as lala
  from (select * from c2 cross join c1 on c2.y3>=c1.y1)tt)ttt
  where y3<lala
  order by y1 desc
  ;
```