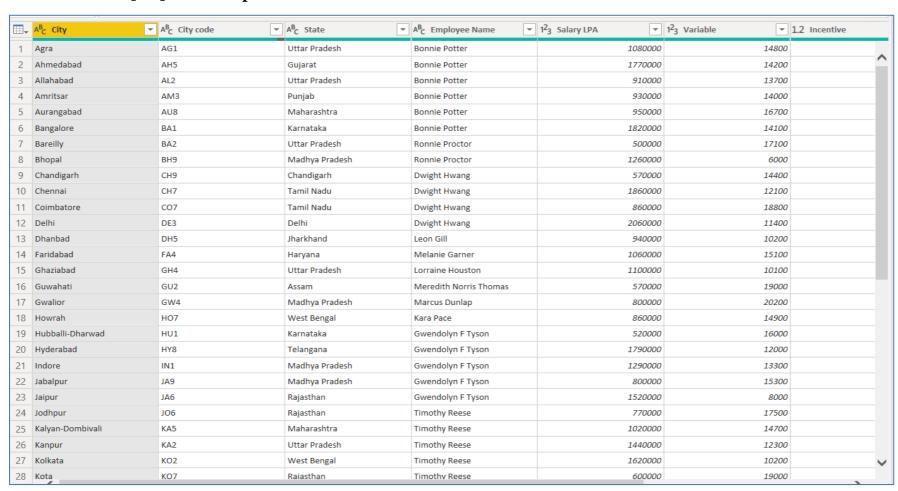# Assignment – 3(Power Query Editor)

• Use the Employee Details dataset and perform the following activities: -

− Split the column CITY and separate the code associate with each city like Allahabad[AL2] should be only Allahabad and [A2] will be separate.

	City	City code	State	Employee Name	Salary LPA	Variable	Incentive
1	Agra	AG1	Uttar Pradesh	Bonnie Potter	1080000	14800	
2	Ahmedabad	AH5	Gujarat	Bonnie Potter	1770000	14200	
3	Allahabad	AL2	Uttar Pradesh	Bonnie Potter	910000	13700	
4	Amritsar	AM3	Punjab	Bonnie Potter	930000	14000	
5	Aurangabad	AU8	Maharashtra	Bonnie Potter	950000	16700	
6	Bangalore	BA1	Karnataka	Bonnie Potter	1820000	14100	
7	Bareilly	BA2	Uttar Pradesh	Ronnie Proctor	500000	17100	
8	Bhopal	BH9	Madhya Pradesh	Ronnie Proctor	1260000	6000	
9	Chandigarh	CH9	Chandigarh	Dwight Hwang	570000	14400	
10	Chennai	CH7	Tamil Nadu	Dwight Hwang	1860000	12100	
11	Coimbatore	CO7	Tamil Nadu	Dwight Hwang	860000	18800	
12	Delhi	DE3	Delhi	Dwight Hwang	2060000	11400	
13	Dhanbad	DH5	Jharkhand	Leon Gill	940000	10200	
14	Faridabad	FA4	Haryana	Melanie Garner	1060000	15100	
15	Ghaziabad	GH4	Uttar Pradesh	Lorraine Houston	1100000	10100	
16	Guwahati	GU2	Assam	Meredith Norris Thomas	570000	19000	
17	Gwalior	GW4	Madhya Pradesh	Marcus Dunlap	800000	20200	
18	Howrah	HO7	West Bengal	Kara Pace	860000	14900	
19	Hubballi-Dharwad	HU1	Karnataka	Gwendolyn F Tyson	520000	16000	
20	Hyderabad	HY8	Telangana	Gwendolyn F Tyson	1790000	12000	
21	Indore	IN1	Madhya Pradesh	Gwendolyn F Tyson	1290000	13300	
22	Jabalpur	JA9	Madhya Pradesh	Gwendolyn F Tyson	800000	15300	
23	Jaipur	JA6	Rajasthan	Gwendolyn F Tyson	1520000	8000	
24	Jodhpur	JO6	Rajasthan	Timothy Reese	770000	17500	
25	Kalyan-Dombivali	KA5	Maharashtra	Timothy Reese	1020000	14700	
26	Kanpur	KA2	Uttar Pradesh	Timothy Reese	1440000	12300	
27	Kolkata	KO2	West Bengal	Timothy Reese	1620000	10200	
28	Kota	KO7	Rajasthan	Timothy Reese	600000	19000	

− Extract the first name from EMPLOYEE NAME column and transform the column.

	City	State	Employee Name	Salary LPA	Variable	Incentive
1	Agra[AG1]	Uttar Pradesh	Bonnie	1080000	14800	8.3
2	Ahmedabad[AH5]	Gujarat	Bonnie	1770000	14200	9.3
3	Allahabad[AL2]	Uttar Pradesh	Bonnie	910000	13700	9.4
4	Amritsar[AM3]	Punjab	Bonnie	930000	14000	9.2
5	Aurangabad[AU8]	Maharashtra	Bonnie	950000	16700	9.4
6	Bangalore[BA1]	Karnataka	Bonnie	1820000	14100	7.9
7	Bareilly[BA2]	Uttar Pradesh	Ronnie	500000	17100	10
8	Bhopal[BH9]	Madhya Pradesh	Ronnie	1260000	6000	10
9	Chandigarh[CH9]	Chandigarh	Dwight	570000	14400	16.8
10	Chennai[CH7]	Tamil Nadu	Dwight	1860000	12100	13.6
11	Coimbatore[CO7]	Tamil Nadu	Dwight	860000	18800	11.3
12	Delhi[DE3]	Delhi	Dwight	2060000	11400	15.2
13	Dhanbad[DH5]	Jharkhand	Leon	940000	10200	6.7
14	Faridabad[FA4]	Haryana	Melanie	1060000	15100	8.3
15	Ghaziabad[GH4]	Uttar Pradesh	Lorraine	1100000	10100	3.6
16	Guwahati[GU2]	Assam	Meredith	570000	19000	10.8
17	Gwalior[GW4]	Madhya Pradesh	Marcus	800000	20200	11.9
18	Howrah[HO7]	West Bengal	Kara	860000	14900	10.9
19	Hubballi-Dharwad[HU1]	Karnataka	Gwendolyn	520000	16000	9.8
20	Hyderabad[HY8]	Telangana	Gwendolyn	1790000	12000	13.7
21	Indore[IN1]	Madhya Pradesh	Gwendolyn	1290000	13300	10.3
22	Jabalpur[JA9]	Madhya Pradesh	Gwendolyn	800000	15300	11.6
23	Jaipur[JA6]	Rajasthan	Gwendolyn	1520000	8000	13.8
24	Jodhpur[JO6]	Rajasthan	Timothy	770000	17500	9.8
25	Kalyan-Dombivali[KA5]	Maharashtra	Timothy	1020000	14700	9.1
26	Kanpur[KA2]	Uttar Pradesh	Timothy	1440000	12300	9.3
27	Kolkata[KO2]	West Bengal	Timothy	1620000	10200	14.8

− Using the JOINING DATE column extract the Year and no. of days for that month .

1²₃ days	1²₃ year	⊞ Joining Date
5	2016	05-11-2016
26	2016	26-08-2016
27	2017	27-01-2017
12	2015	12-12-2015
8	2015	08-04-2015
26	2016	26-03-2016
20	2015	20-11-2015
14	2017	14-04-2017
11	2016	11-01-2016
17	2016	17-06-2016
21	2015	21-10-2015
7	2015	07-04-2015
19	2015	19-05-2015
11	2016	11-05-2016
9	2016	09-06-2016
19	2016	19-07-2016
12	2015	12-04-2015
5	2017	05-03-2017
12	2017	12-01-2017
20	2015	20-02-2015
9	2017	09-03-2017
30	2016	30-09-2016
20	2016	20-09-2016
14	2016	14-11-2016
19	2016	19-09-2016
27	2016	27-12-2016
19	2015	19-04-2015

– Create a visual of your choice and show the how much salary has been paid to each state and which state has lowest pay-out.

Salary LPA by State