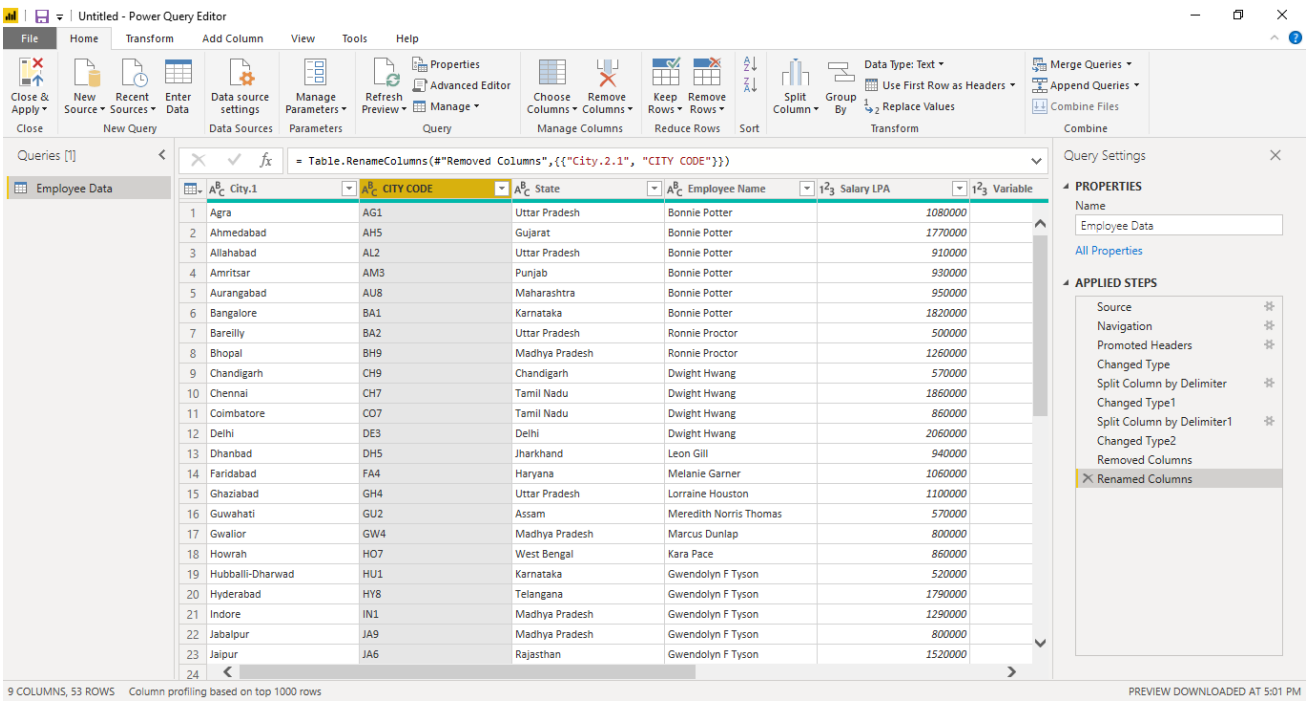
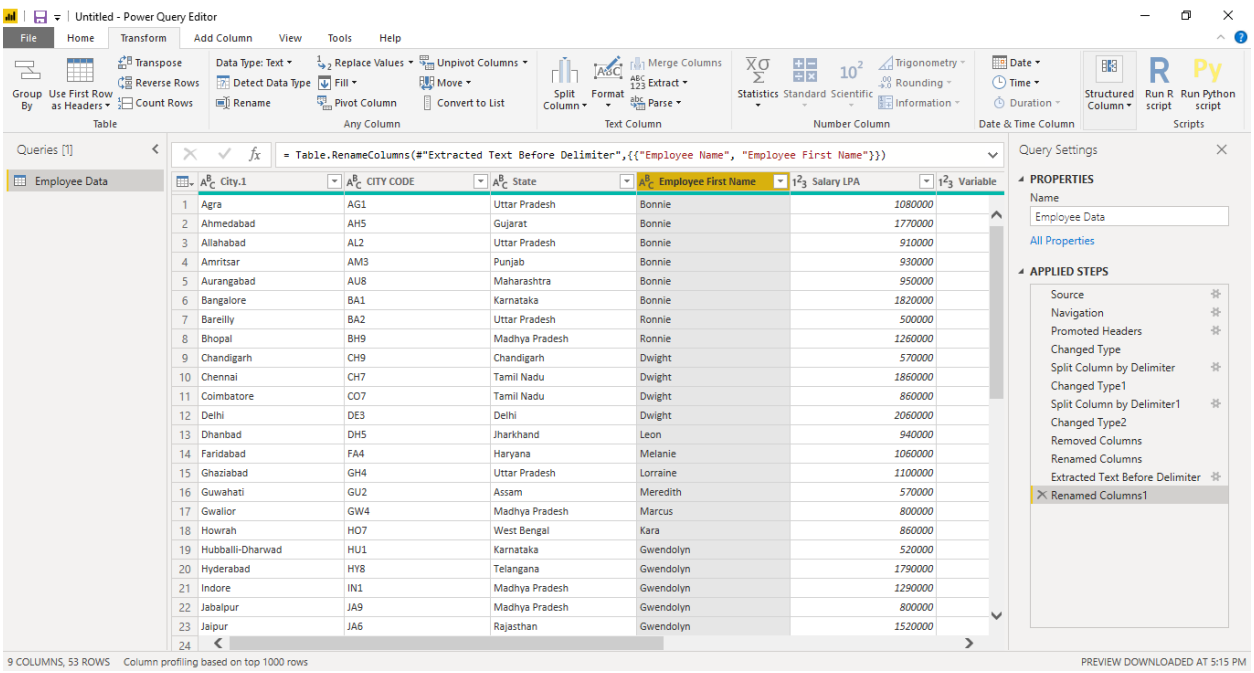
ASSIGNMENT 3:

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



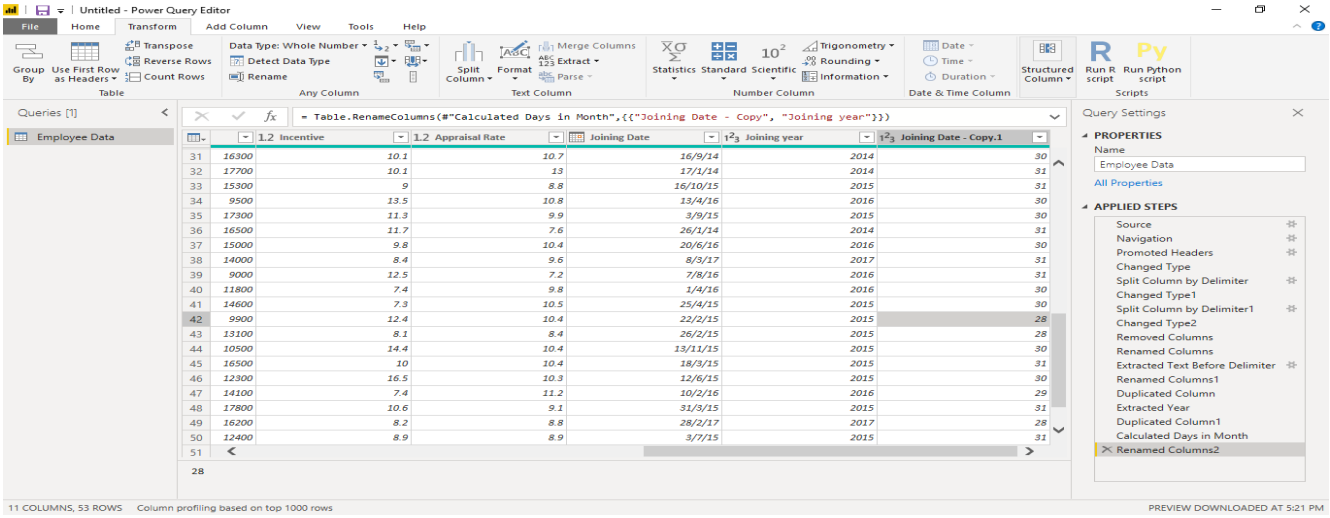
	City.1	CITY CODE	State	Employee Name	Salary LPA	Variable
1	Agra	AG1	Uttar Pradesh	Bonnie Potter	1080000	
2	Ahmedabad	AH5	Gujarat	Bonnie Potter	1770000	
3	Allahabad	AL2	Uttar Pradesh	Bonnie Potter	910000	
4	Amritsar	AM3	Punjab	Bonnie Potter	930000	
5	Aurangabad	AU8	Maharashtra	Bonnie Potter	950000	
6	Bangalore	BA1	Karnataka	Bonnie Potter	1820000	
7	Bareilly	BA2	Uttar Pradesh	Ronnie Proctor	500000	
8	Bhopal	BH9	Madhya Pradesh	Ronnie Proctor	1260000	
9	Chandigarh	CH9	Chandigarh	Dwight Hwang	570000	
10	Chennai	CH7	Tamil Nadu	Dwight Hwang	1860000	
11	Coimbatore	CO7	Tamil Nadu	Dwight Hwang	860000	
12	Delhi	DE3	Delhi	Dwight Hwang	2060000	
13	Dhanbad	DH5	Jharkhand	Leon Gill	940000	
14	Faridabad	FA4	Haryana	Melanie Garner	1060000	
15	Ghaziabad	GH4	Uttar Pradesh	Lorraine Houston	1100000	
16	Guwahati	GU2	Assam	Meredith Norris Thomas	570000	
17	Gwalior	GW4	Madhya Pradesh	Marcus Dunlap	800000	
18	Howrah	HO7	West Bengal	Kara Pace	860000	
19	Hubballi-Dharwad	HU1	Karnataka	Gwendolyn F Tyson	520000	
20	Hyderabad	HY8	Telangana	Gwendolyn F Tyson	1790000	
21	Indore	IN1	Madhya Pradesh	Gwendolyn F Tyson	1290000	
22	Jabalpur	JA9	Madhya Pradesh	Gwendolyn F Tyson	800000	
23	Jaipur	JA6	Rajasthan	Gwendolyn F Tyson	1520000	

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



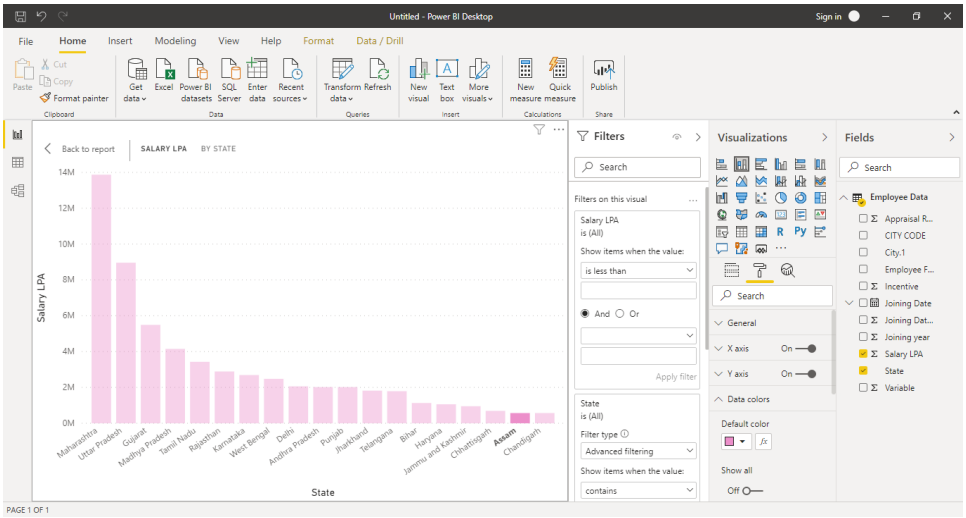
	City.1	CITY CODE	State	Employee First Name	Salary LPA	Variable
1	Agra	AG1	Uttar Pradesh	Bonnie	1080000	
2	Ahmedabad	AH5	Gujarat	Bonnie	1770000	
3	Allahabad	AL2	Uttar Pradesh	Bonnie	910000	
4	Amritsar	AM3	Punjab	Bonnie	930000	
5	Aurangabad	AU8	Maharashtra	Bonnie	950000	
6	Bangalore	BA1	Karnataka	Bonnie	1820000	
7	Bareilly	BA2	Uttar Pradesh	Ronnie	500000	
8	Bhopal	BH9	Madhya Pradesh	Ronnie	1260000	
9	Chandigarh	CH9	Chandigarh	Dwight	570000	
10	Chennai	CH7	Tamil Nadu	Dwight	1860000	
11	Coimbatore	CO7	Tamil Nadu	Dwight	860000	
12	Delhi	DE3	Delhi	Dwight	2060000	
13	Dhanbad	DH5	Jharkhand	Leon	940000	
14	Faridabad	FA4	Haryana	Melanie	1060000	
15	Ghaziabad	GH4	Uttar Pradesh	Lorraine	1100000	
16	Guwahati	GU2	Assam	Meredith	570000	
17	Gwalior	GW4	Madhya Pradesh	Marcus	800000	
18	Howrah	HO7	West Bengal	Kara	860000	
19	Hubballi-Dharwad	HU1	Karnataka	Gwendolyn	520000	
20	Hyderabad	HY8	Telangana	Gwendolyn	1790000	
21	Indore	IN1	Madhya Pradesh	Gwendolyn	1290000	
22	Jabalpur	JA9	Madhya Pradesh	Gwendolyn	800000	
23	Jaipur	JA6	Rajasthan	Gwendolyn	1520000	

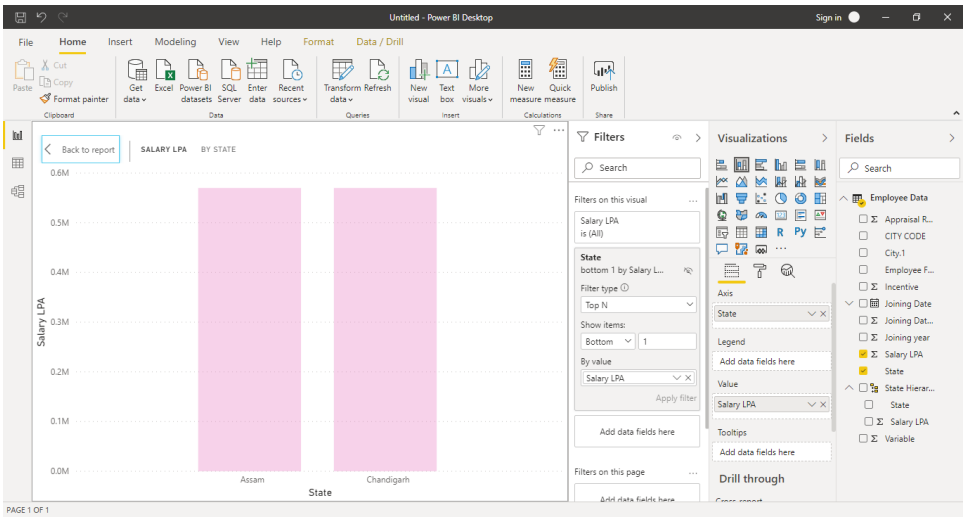
3. Using the JOINING DATE column extract the Year and no. of days for that month .



	Incentive	Appraisal Rate	Joining Date	Joining year	Joining Date - Copy.1
31	16300	10.1	10.7	16/9/14	2014	30
32	17700	10.1	13	17/1/14	2014	31
33	15300	9	8.8	16/10/15	2015	31
34	9500	13.5	10.8	13/4/16	2016	30
35	17300	11.3	9.9	3/9/15	2015	30
36	16500	11.7	7.6	26/1/14	2014	31
37	15000	9.8	10.4	20/6/16	2016	30
38	14000	8.4	9.6	8/3/17	2017	31
39	9000	12.5	7.2	7/8/16	2016	31
40	11800	7.4	9.8	1/4/16	2016	30
41	14600	7.3	10.5	25/4/15	2015	30
42	9900	12.4	10.4	22/2/15	2015	28
43	13100	8.1	8.4	26/2/15	2015	28
44	10500	14.4	10.4	13/11/15	2015	30
45	16500	10	10.4	18/3/15	2015	31
46	12300	16.5	10.3	12/6/15	2015	30
47	14100	7.4	11.2	10/2/16	2016	29
48	17800	10.6	9.1	31/3/15	2015	31
49	16200	8.2	8.8	28/2/17	2017	28
50	12400	8.9	8.9	3/7/15	2015	31

4. Create a visual of your choice and show the how much salary has been paid to each state and which state has lowest payout.

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