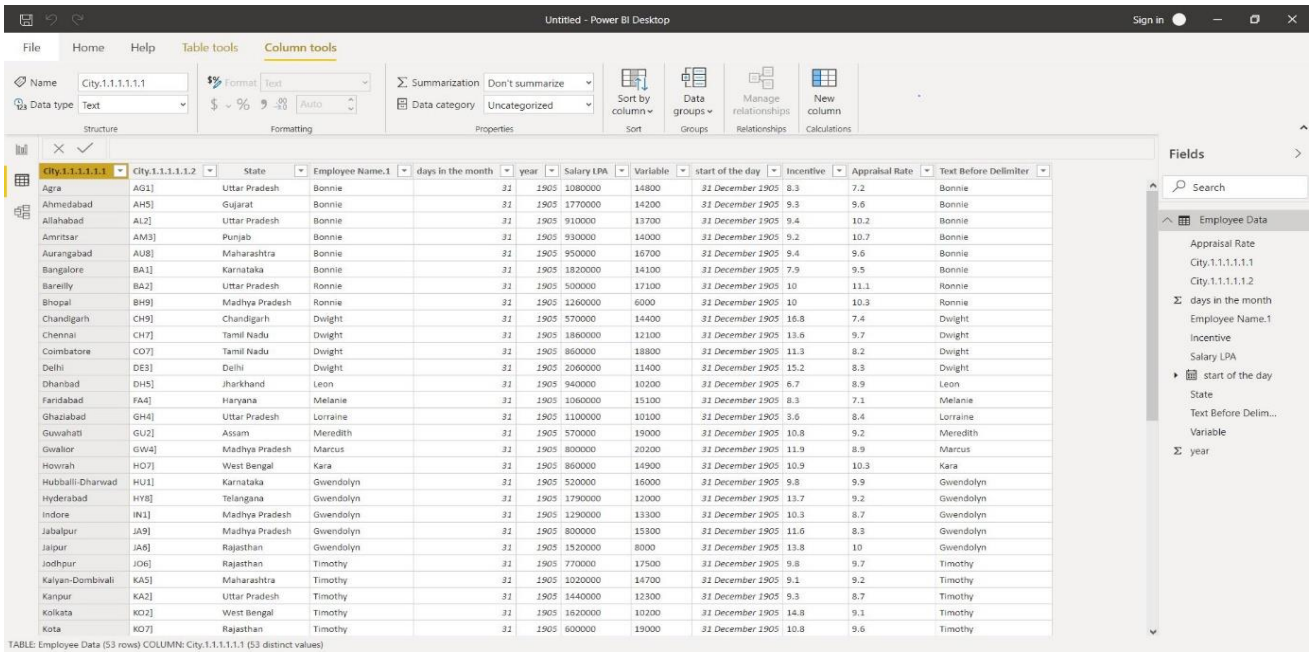
ASSIGNMENT 2

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

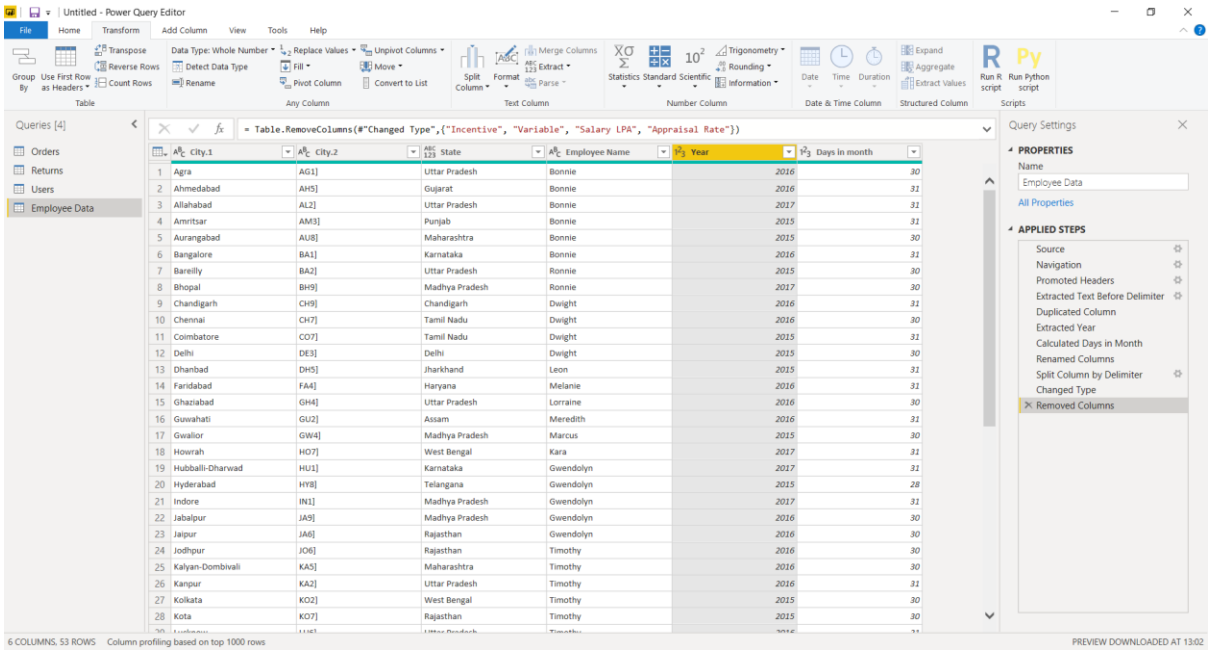
– Split the column CITY and separate the code associate with each city like -

Allahabad[AL2]should be only Allahabad and [A2] will be separate.



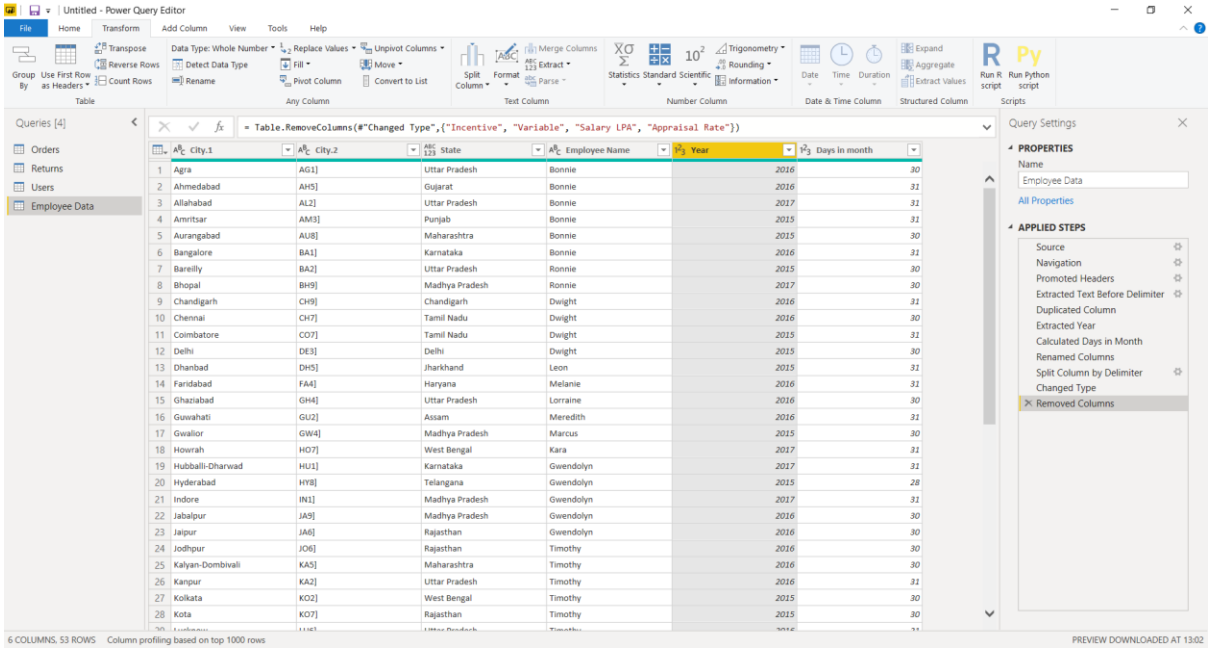
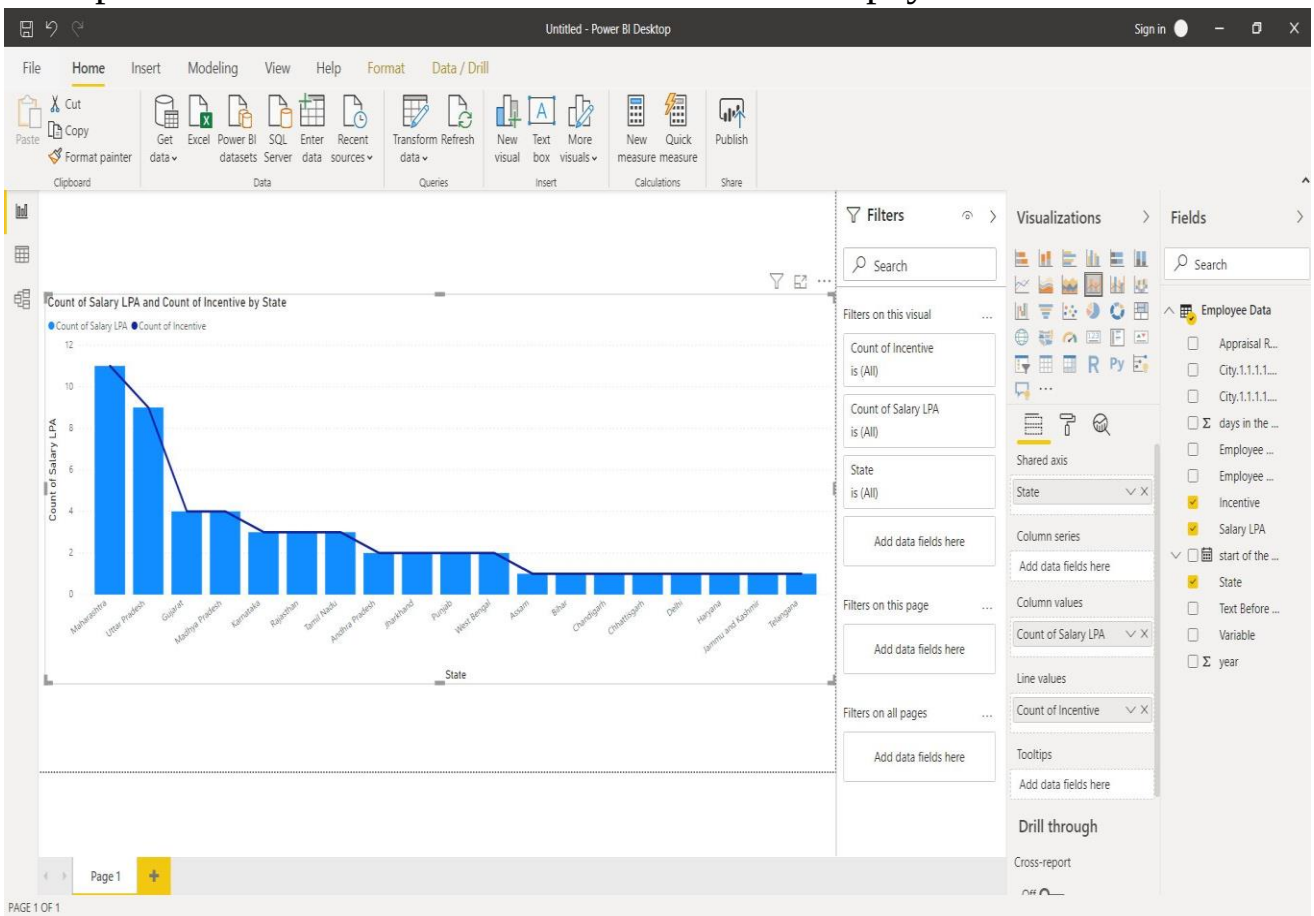
City.1.1.1.1.1.1	City.1.1.1.1.1.2	State	Employee Name.1	days in the month	year	Salary LPA	Variable	start of the day	Incentive	Appraisal Rate	Text Before Delimiter
Agra	AG1]	Uttar Pradesh	Bonnie	31	1905	1080000	14800	31 December 1905	8.3	7.2	Bonnie
Ahmedabad	AH5]	Gujarat	Bonnie	31	1905	1770000	14200	31 December 1905	9.3	9.6	Bonnie
Allahabad	AL2]	Uttar Pradesh	Bonnie	31	1905	910000	13700	31 December 1905	9.4	10.2	Bonnie
Amritsar	AM3]	Punjab	Bonnie	31	1905	930000	14000	31 December 1905	9.2	10.7	Bonnie
Aurangabad	AU8]	Maharashtra	Bonnie	31	1905	950000	16700	31 December 1905	9.4	9.6	Bonnie
Bangalore	BA1]	Karnataka	Bonnie	31	1905	1820000	14100	31 December 1905	7.9	9.5	Bonnie
Bareilly	BA2]	Uttar Pradesh	Ronnie	31	1905	500000	17100	31 December 1905	10	11.1	Ronnie
Bhopal	BH9]	Madhya Pradesh	Ronnie	31	1905	1260000	6000	31 December 1905	10	10.3	Ronnie
Chandigarh	CH9]	Chandigarh	Dwight	31	1905	570000	14400	31 December 1905	16.8	7.4	Dwight
Chennai	CH7]	Tamil Nadu	Dwight	31	1905	1860000	12100	31 December 1905	13.6	9.7	Dwight
Coimbatore	CO7]	Tamil Nadu	Dwight	31	1905	860000	18800	31 December 1905	11.3	8.2	Dwight
Delhi	DE3]	Delhi	Dwight	31	1905	2060000	11400	31 December 1905	15.2	8.3	Dwight
Dhanbad	DH5]	Jharkhand	Leon	31	1905	940000	10200	31 December 1905	6.7	8.9	Leon
Faridabad	FA4]	Haryana	Melanie	31	1905	1060000	15100	31 December 1905	8.3	7.1	Melanie
Ghaziabad	GH4]	Uttar Pradesh	Lorraine	31	1905	1100000	10100	31 December 1905	3.6	8.4	Lorraine
Guwahati	GU2]	Assam	Meredith	31	1905	570000	19000	31 December 1905	10.8	9.2	Meredith
Gwalior	GW4]	Madhya Pradesh	Marcus	31	1905	800000	20200	31 December 1905	11.9	8.9	Marcus
Howrah	HO7]	West Bengal	Kara	31	1905	860000	14900	31 December 1905	10.9	10.3	Kara
Hubballi-Dharwad	HU1]	Karnataka	Gwendolyn	31	1905	520000	16000	31 December 1905	9.8	9.9	Gwendolyn
Hyderabad	HY8]	Telangana	Gwendolyn	31	1905	1790000	12000	31 December 1905	13.7	9.2	Gwendolyn
Indore	IN1]	Madhya Pradesh	Gwendolyn	31	1905	1290000	13300	31 December 1905	10.3	8.7	Gwendolyn
Jabalpur	JA9]	Madhya Pradesh	Gwendolyn	31	1905	800000	15300	31 December 1905	11.6	8.3	Gwendolyn
Jaipur	JA6]	Rajasthan	Gwendolyn	31	1905	1520000	8000	31 December 1905	13.8	10	Gwendolyn
Jodhpur	JO6]	Rajasthan	Timothy	31	1905	770000	17500	31 December 1905	9.8	9.7	Timothy
Kalyan-Dombivali	KA5]	Maharashtra	Timothy	31	1905	1020000	14700	31 December 1905	9.1	9.2	Timothy
Kanpur	KA2]	Uttar Pradesh	Timothy	31	1905	1440000	12300	31 December 1905	9.3	8.7	Timothy
Kolkata	KO2]	West Bengal	Timothy	31	1905	1620000	10200	31 December 1905	14.8	9.1	Timothy
Kota	KO7]	Rajasthan	Timothy	31	1905	600000	19000	31 December 1905	10.8	9.6	Timothy

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



	City.1	City.2	State	Employee Name	Year	Days in month
1	Agra	AG1]	Uttar Pradesh	Bonnie	2016	30
2	Ahmedabad	AH5]	Gujarat	Bonnie	2016	31
3	Allahabad	AL2]	Uttar Pradesh	Bonnie	2017	31
4	Amritsar	AM3]	Punjab	Bonnie	2015	31
5	Aurangabad	AU8]	Maharashtra	Bonnie	2015	30
6	Bangalore	BA1]	Karnataka	Bonnie	2016	31
7	Bareilly	BA2]	Uttar Pradesh	Ronnie	2015	30
8	Bhopal	BH9]	Madhya Pradesh	Ronnie	2017	30
9	Chandigarh	CH9]	Chandigarh	Dwight	2016	31
10	Chennai	CH7]	Tamil Nadu	Dwight	2016	30
11	Coimbatore	CO7]	Tamil Nadu	Dwight	2015	31
12	Delhi	DE3]	Delhi	Dwight	2015	30
13	Dhanbad	DH5]	Jharkhand	Leon	2015	31
14	Faridabad	FA4]	Haryana	Melanie	2016	31
15	Ghaziabad	GH4]	Uttar Pradesh	Lorraine	2016	30
16	Guwahati	GU2]	Assam	Meredith	2016	31
17	Gwalior	GW4]	Madhya Pradesh	Marcus	2015	30
18	Howrah	HO7]	West Bengal	Kara	2017	31
19	Hubballi-Dharwad	HU1]	Karnataka	Gwendolyn	2017	31
20	Hyderabad	HY8]	Telangana	Gwendolyn	2015	28
21	Indore	IN1]	Madhya Pradesh	Gwendolyn	2017	31
22	Jabalpur	JA9]	Madhya Pradesh	Gwendolyn	2016	30
23	Jaipur	JA6]	Rajasthan	Gwendolyn	2016	30
24	Jodhpur	JO6]	Rajasthan	Timothy	2016	30
25	Kalyan-Dombivali	KA5]	Maharashtra	Timothy	2016	30
26	Kanpur	KA2]	Uttar Pradesh	Timothy	2016	31
27	Kolkata	KO2]	West Bengal	Timothy	2015	30
28	Kota	KO7]	Rajasthan	Timothy	2015	30

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



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