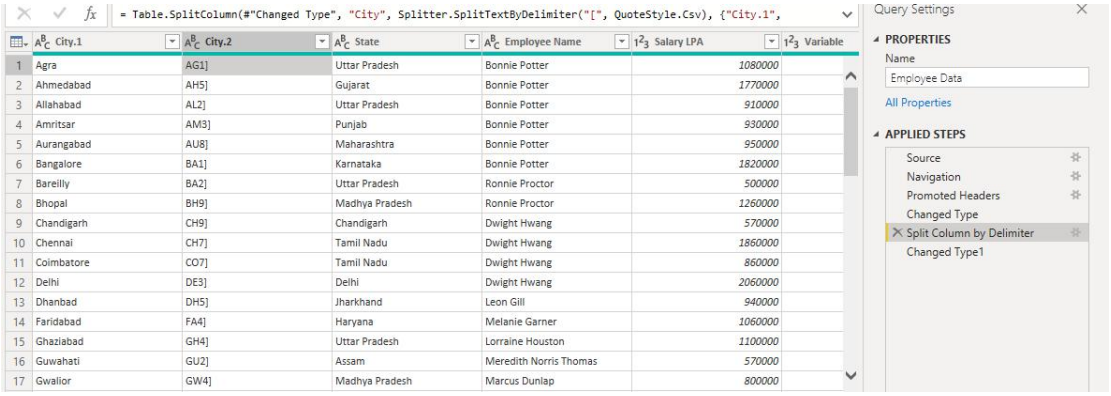
Assignment – 3 : Power Query Editor

• 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.



```
= Table.SplitColumn(#"Changed Type", "City", Splitter.SplitTextByDelimiter("[", QuoteStyle.Csv), {"City.1",
```

	City.1	City.2	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	

Query Settings

PROPERTIES

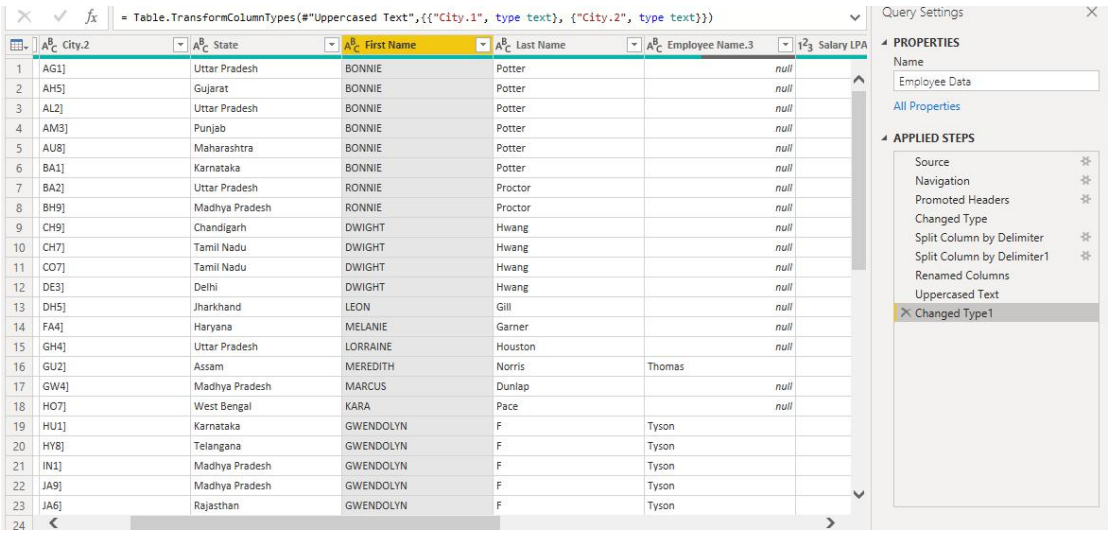
Name: Employee Data

All Properties

APPLIED STEPS

Source
Navigation
Promoted Headers
Changed Type
Split Column by Delimiter
Changed Type1

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



```
= Table.TransformColumnTypes(#"Uppercased Text",{{"City.1", type text}, {"City.2", type text}})
```

	City.2	State	First Name	Last Name	Employee Name.3	Salary LPA
1	AG1]	Uttar Pradesh	BONNIE	Potter	null	
2	AH5]	Gujarat	BONNIE	Potter	null	
3	AL2]	Uttar Pradesh	BONNIE	Potter	null	
4	AM3]	Punjab	BONNIE	Potter	null	
5	AU8]	Maharashtra	BONNIE	Potter	null	
6	BA1]	Karnataka	BONNIE	Potter	null	
7	BA2]	Uttar Pradesh	RONNIE	Proctor	null	
8	BH9]	Madhya Pradesh	RONNIE	Proctor	null	
9	CH9]	Chandigarh	DWIGHT	Hwang	null	
10	CH7]	Tamil Nadu	DWIGHT	Hwang	null	
11	CO7]	Tamil Nadu	DWIGHT	Hwang	null	
12	DE3]	Delhi	DWIGHT	Hwang	null	
13	DH5]	Jharkhand	LEON	Gill	null	
14	FA4]	Haryana	MELANIE	Garner	null	
15	GH4]	Uttar Pradesh	LORRAINE	Houston	null	
16	GU2]	Assam	MEREDITH	Norris	Thomas	
17	GW4]	Madhya Pradesh	MARCUS	Dunlap	null	
18	HO7]	West Bengal	KARA	Pace	null	
19	HU1]	Karnataka	GWENDOLYN	F	Tyson	
20	HY8]	Telangana	GWENDOLYN	F	Tyson	
21	IN1]	Madhya Pradesh	GWENDOLYN	F	Tyson	
22	JA9]	Madhya Pradesh	GWENDOLYN	F	Tyson	
23	JA6]	Rajasthan	GWENDOLYN	F	Tyson	

Query Settings

PROPERTIES

Name: Employee Data

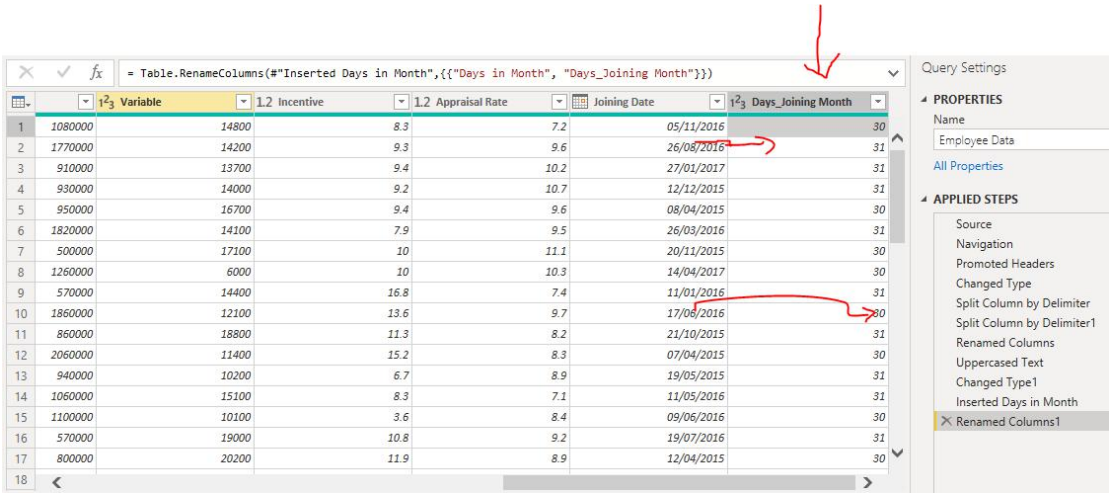
All Properties

APPLIED STEPS

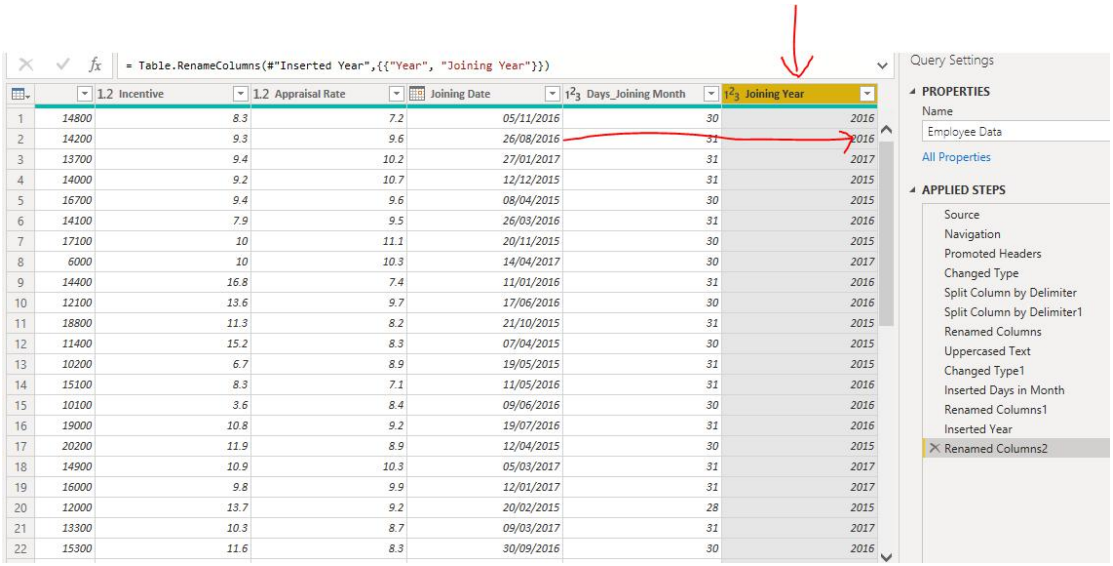
Source
Navigation
Promoted Headers
Changed Type
Split Column by Delimiter
Split Column by Delimiter1
Renamed Columns
Uppercased Text
Changed Type1

Since no specific instruction was given regarding the Transform , Transformed First Name into UPPERCASE.

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



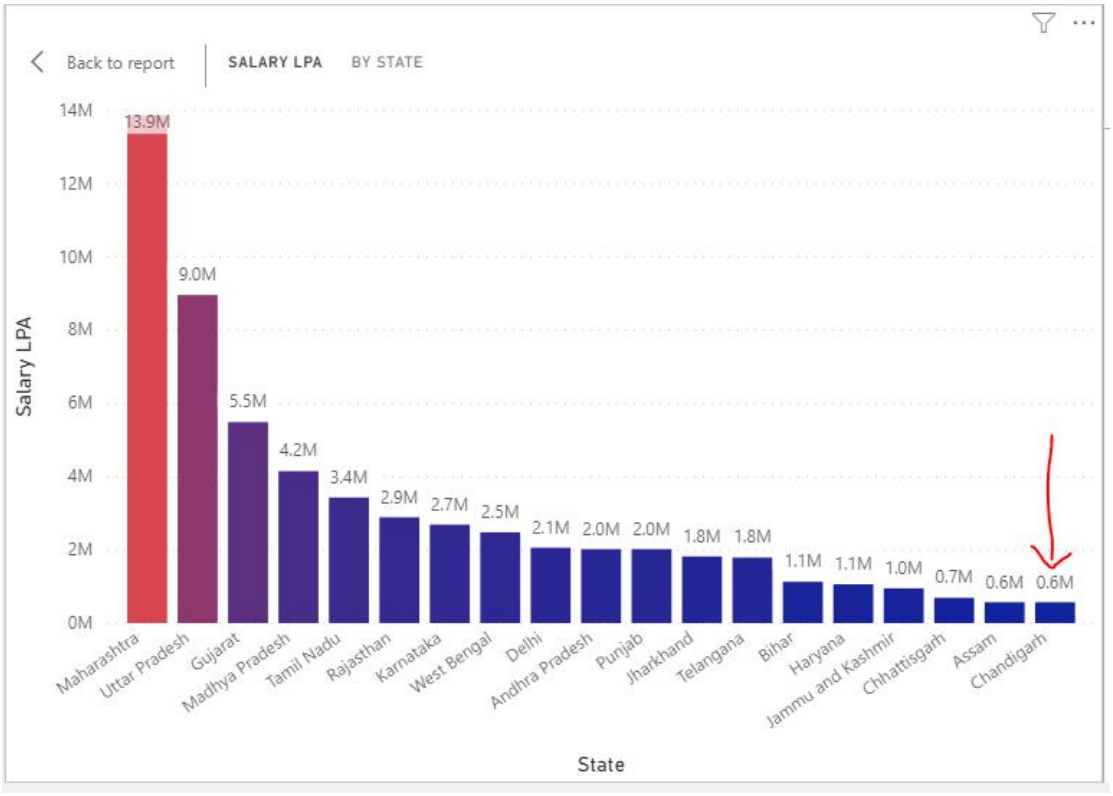
	Variable	Incentive	Appraisal Rate	Joining Date	Days_Joining Month
1	1080000	14800	8.3	7.2	05/11/2016	30
2	1770000	14200	9.3	9.6	26/08/2016	31
3	910000	13700	9.4	10.2	27/01/2017	31
4	930000	14000	9.2	10.7	12/12/2015	31
5	950000	16700	9.4	9.6	08/04/2015	30
6	1820000	14100	7.9	9.5	26/03/2016	31
7	500000	17100	10	11.1	20/11/2015	30
8	1260000	6000	10	10.3	14/04/2017	30
9	570000	14400	16.8	7.4	11/01/2016	31
10	1860000	12100	13.6	9.7	17/06/2016	30
11	860000	18800	11.3	8.2	21/10/2015	31
12	2060000	11400	15.2	8.3	07/04/2015	30
13	940000	10200	6.7	8.9	19/05/2015	31
14	1060000	15100	8.3	7.1	11/05/2016	31
15	1100000	10100	3.6	8.4	09/06/2016	30
16	570000	19000	10.8	9.2	19/07/2016	31
17	800000	20200	11.9	8.9	12/04/2015	30
18						



	Incentive	Appraisal Rate	Joining Date	Days_Joining Month	Joining Year
1	14800	8.3	7.2	05/11/2016	30	2016
2	14200	9.3	9.6	26/08/2016	31	2016
3	13700	9.4	10.2	27/01/2017	31	2017
4	14000	9.2	10.7	12/12/2015	31	2015
5	16700	9.4	9.6	08/04/2015	30	2015
6	14100	7.9	9.5	26/03/2016	31	2016
7	17100	10	11.1	20/11/2015	30	2015
8	6000	10	10.3	14/04/2017	30	2017
9	14400	16.8	7.4	11/01/2016	31	2016
10	12100	13.6	9.7	17/06/2016	30	2016
11	18800	11.3	8.2	21/10/2015	31	2015
12	11400	15.2	8.3	07/04/2015	30	2015
13	10200	6.7	8.9	19/05/2015	31	2015
14	15100	8.3	7.1	11/05/2016	31	2016
15	10100	3.6	8.4	09/06/2016	30	2016
16	19000	10.8	9.2	19/07/2016	31	2016
17	20200	11.9	8.9	12/04/2015	30	2015
18	14900	10.9	10.3	05/03/2017	31	2017
19	16000	9.8	9.9	12/01/2017	31	2017
20	12000	13.7	9.2	20/02/2015	28	2015
21	13300	10.3	8.7	09/03/2017	31	2017
22	15300	11.6	8.3	30/09/2016	30	2016

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

As per labeled clustered column chart , it has been observed that Chandigarh and Assam has the lowest payout.


Back to report
SALARY LPA
BY STATE
Salary LPA
14M
12M
10M
8M
6M
4M
2M
0M
13.9M
9.0M
5.5M
4.2M
3.4M
2.9M
2.7M
2.5M
2.1M
2.0M
2.0M
1.8M
1.8M
1.1M
1.1M
1.0M
0.7M
0.6M
0.6M
Maharashtra
Uttar Pradesh
Gujarat
Madhya Pradesh
Tamil Nadu
Rajasthan
Karnataka
West Bengal
Delhi
Andhra Pradesh
Punjab
Jharkhand
Telangana
Bihar
Haryana
Jammu and Kashmir
Chhattisgarh
Assam
Chandigarh
State