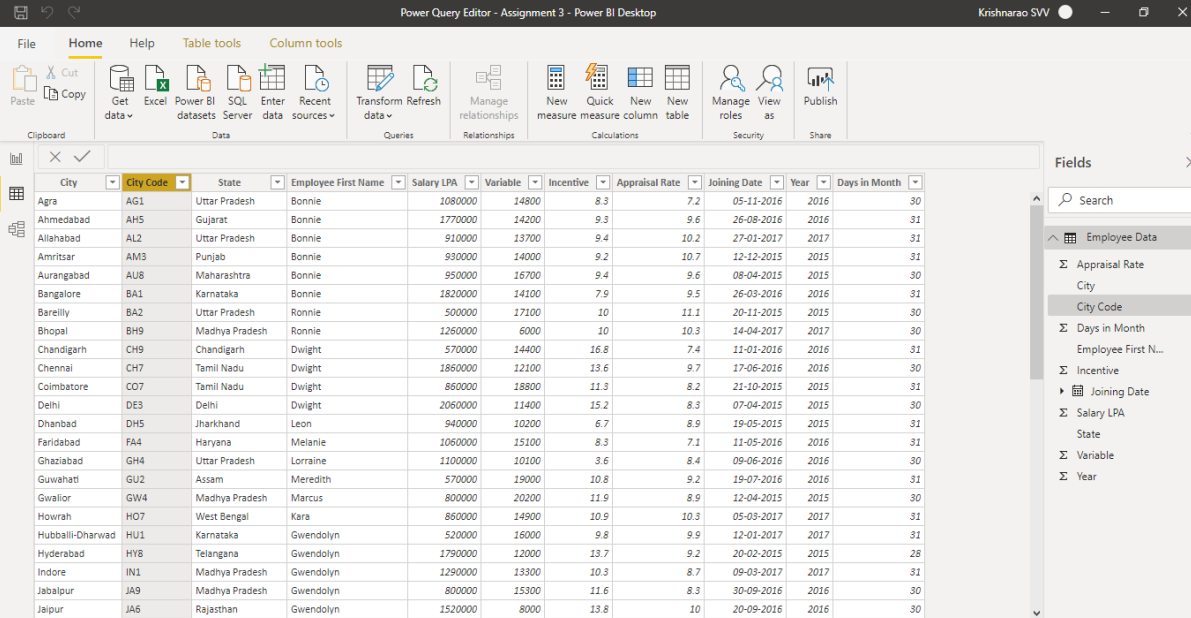


Assignment – 3

- 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.

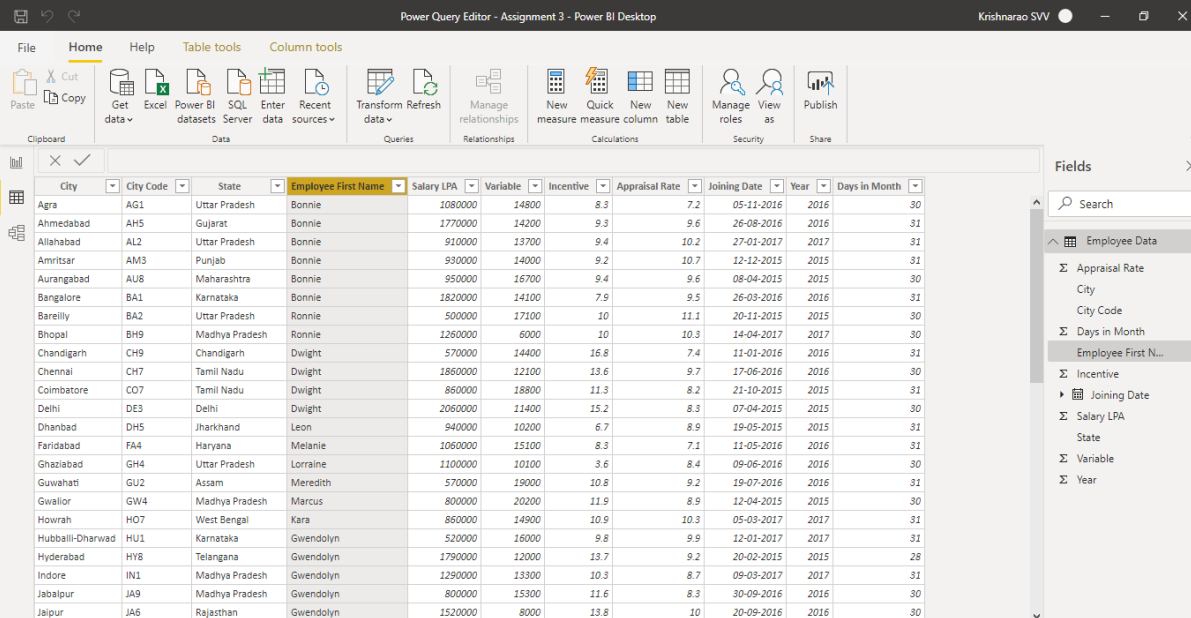


Power Query Editor - Assignment 3 - Power BI Desktop

TABLE: Employee Data (53 rows) COLUMN: City Code (53 distinct values)

City	City Code	State	Employee First Name	Salary LPA	Variable	Incentive	Appraisal Rate	Joining Date	Year	Days in Month
Agra	AG1	Uttar Pradesh	Bonnie	1080000	14800	8.3	7.2	05-11-2016	2016	30
Ahmedabad	AH5	Gujarat	Bonnie	1770000	14200	9.3	9.6	26-08-2016	2016	31
Allahabad	AL2	Uttar Pradesh	Bonnie	910000	13700	9.4	10.2	27-01-2017	2017	31
Amritsar	AM3	Punjab	Bonnie	930000	14000	9.2	10.7	12-12-2015	2015	31
Aurangabad	AU8	Maharashtra	Bonnie	950000	16700	9.4	9.6	08-04-2015	2015	30
Bangalore	BA1	Karnataka	Bonnie	1820000	14100	7.9	9.5	26-03-2016	2016	31
Bareilly	BA2	Uttar Pradesh	Ronnie	500000	17100	10	11.1	20-11-2015	2015	30
Bhopal	BH9	Madhya Pradesh	Ronnie	1260000	6000	10	10.3	14-04-2017	2017	30
Chandigarh	CH9	Chandigarh	Dwight	570000	14400	16.8	7.4	11-01-2016	2016	31
Chennai	CH7	Tamil Nadu	Dwight	1860000	12100	13.6	9.7	17-06-2016	2016	30
Coimbatore	CO7	Tamil Nadu	Dwight	860000	18800	11.3	8.2	21-10-2015	2015	31
Delhi	DE3	Delhi	Dwight	2060000	11400	15.2	8.3	07-04-2015	2015	30
Dhanbad	DH5	Jharkhand	Leon	940000	10200	6.7	8.9	19-05-2015	2015	31
Faridabad	FA4	Haryana	Melanie	1060000	15100	8.3	7.1	11-05-2016	2016	31
Ghaziabad	GH4	Uttar Pradesh	Lorraine	1100000	10100	3.6	8.4	09-06-2016	2016	30
Guwahati	GU2	Assam	Meredith	570000	19000	10.8	9.2	19-07-2016	2016	31
Gwalior	GW4	Madhya Pradesh	Marcus	800000	20200	11.9	8.9	12-04-2015	2015	30
Howrah	HO7	West Bengal	Kara	860000	14900	10.9	10.3	05-03-2017	2017	31
Hubballi-Dharwad	HU1	Karnataka	Gwendolyn	520000	16000	9.8	9.9	12-01-2017	2017	31
Hyderabad	HY8	Telangana	Gwendolyn	1790000	12000	13.7	9.2	20-02-2015	2015	28
Indore	IN1	Madhya Pradesh	Gwendolyn	1290000	13300	10.3	8.7	09-03-2017	2017	31
Jabalpur	JA9	Madhya Pradesh	Gwendolyn	800000	15300	11.6	8.3	30-09-2016	2016	30
Jaipur	JA6	Rajasthan	Gwendolyn	1520000	8000	13.8	10	20-09-2016	2016	30

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



Power Query Editor - Assignment 3 - Power BI Desktop

TABLE: Employee Data (53 rows) COLUMN: Employee First Name (17 distinct values)

City	City Code	State	Employee First Name	Salary LPA	Variable	Incentive	Appraisal Rate	Joining Date	Year	Days in Month
Agra	AG1	Uttar Pradesh	Bonnie	1080000	14800	8.3	7.2	05-11-2016	2016	30
Ahmedabad	AH5	Gujarat	Bonnie	1770000	14200	9.3	9.6	26-08-2016	2016	31
Allahabad	AL2	Uttar Pradesh	Bonnie	910000	13700	9.4	10.2	27-01-2017	2017	31
Amritsar	AM3	Punjab	Bonnie	930000	14000	9.2	10.7	12-12-2015	2015	31
Aurangabad	AU8	Maharashtra	Bonnie	950000	16700	9.4	9.6	08-04-2015	2015	30
Bangalore	BA1	Karnataka	Bonnie	1820000	14100	7.9	9.5	26-03-2016	2016	31
Bareilly	BA2	Uttar Pradesh	Ronnie	500000	17100	10	11.1	20-11-2015	2015	30
Bhopal	BH9	Madhya Pradesh	Ronnie	1260000	6000	10	10.3	14-04-2017	2017	30
Chandigarh	CH9	Chandigarh	Dwight	570000	14400	16.8	7.4	11-01-2016	2016	31
Chennai	CH7	Tamil Nadu	Dwight	1860000	12100	13.6	9.7	17-06-2016	2016	30
Coimbatore	CO7	Tamil Nadu	Dwight	860000	18800	11.3	8.2	21-10-2015	2015	31
Delhi	DE3	Delhi	Dwight	2060000	11400	15.2	8.3	07-04-2015	2015	30
Dhanbad	DH5	Jharkhand	Leon	940000	10200	6.7	8.9	19-05-2015	2015	31
Faridabad	FA4	Haryana	Melanie	1060000	15100	8.3	7.1	11-05-2016	2016	31
Ghaziabad	GH4	Uttar Pradesh	Lorraine	1100000	10100	3.6	8.4	09-06-2016	2016	30
Guwahati	GU2	Assam	Meredith	570000	19000	10.8	9.2	19-07-2016	2016	31
Gwalior	GW4	Madhya Pradesh	Marcus	800000	20200	11.9	8.9	12-04-2015	2015	30
Howrah	HO7	West Bengal	Kara	860000	14900	10.9	10.3	05-03-2017	2017	31
Hubballi-Dharwad	HU1	Karnataka	Gwendolyn	520000	16000	9.8	9.9	12-01-2017	2017	31
Hyderabad	HY8	Telangana	Gwendolyn	1790000	12000	13.7	9.2	20-02-2015	2015	28
Indore	IN1	Madhya Pradesh	Gwendolyn	1290000	13300	10.3	8.7	09-03-2017	2017	31
Jabalpur	JA9	Madhya Pradesh	Gwendolyn	800000	15300	11.6	8.3	30-09-2016	2016	30
Jaipur	JA6	Rajasthan	Gwendolyn	1520000	8000	13.8	10	20-09-2016	2016	30

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

Power Query Editor - Assignment 3 - Power BI Desktop

File Home Help Table tools Column tools

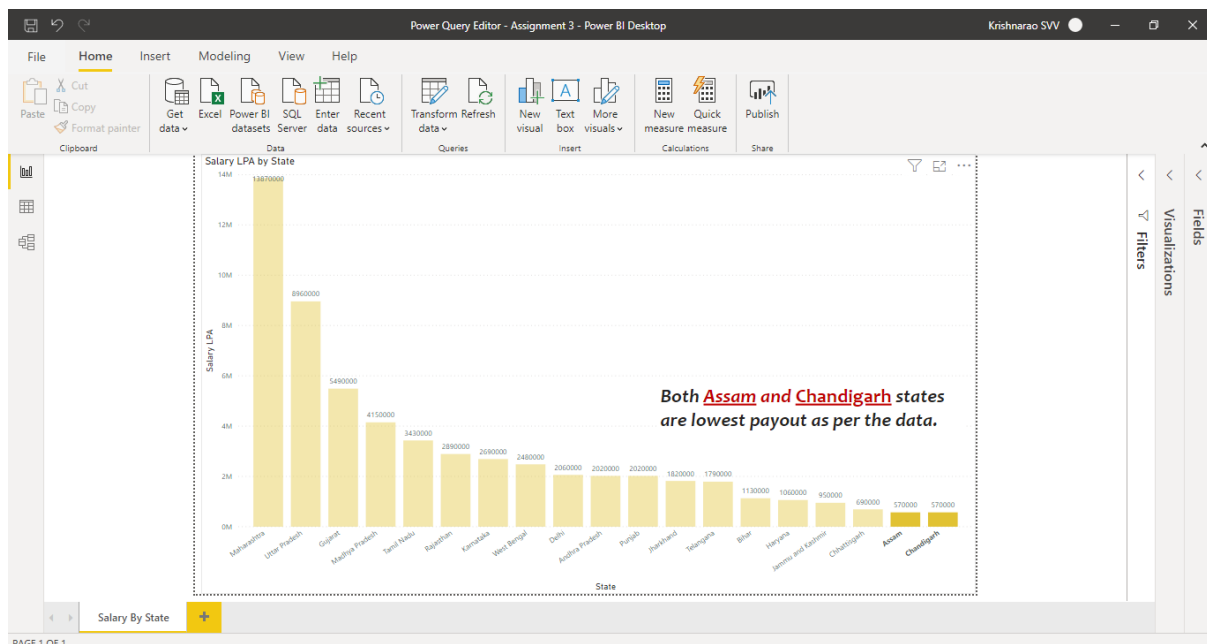
Clipboard: Paste, Copy, Cut, Get data, Excel, Power BI datasets, SQL Server, Enter data, Recent sources, Transform data, Refresh data, Manage relationships, New measure, Quick measure, New column, New table, Manage roles, View as, Publish

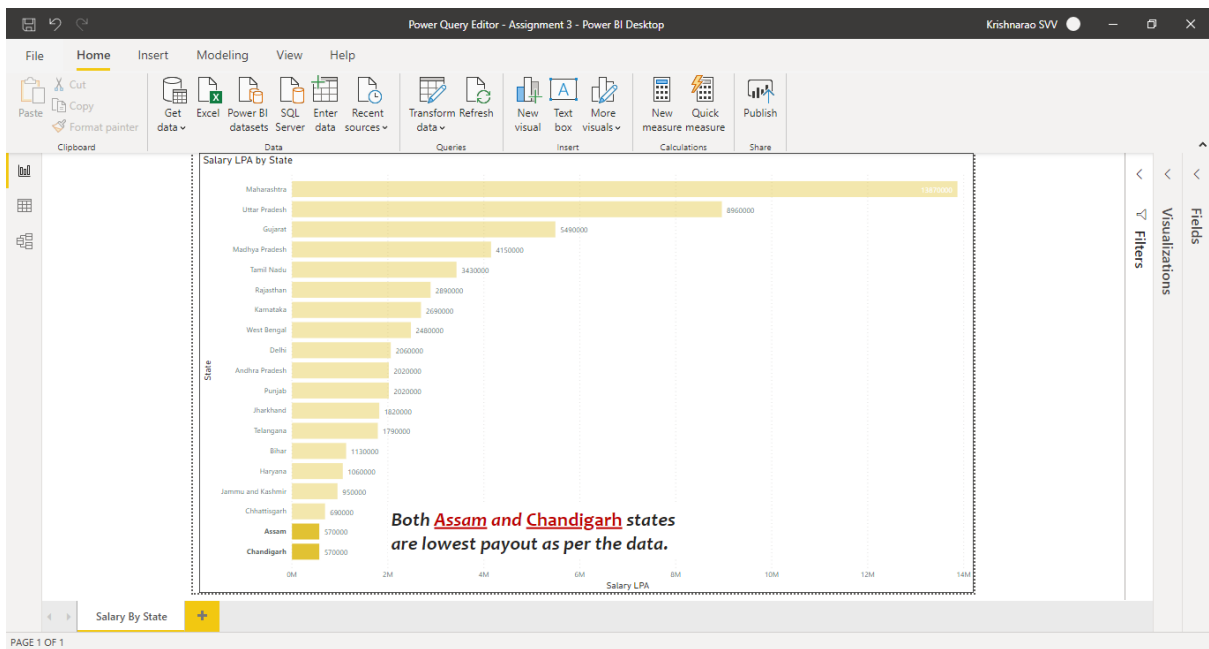
City	City Code	State	Employee First Name	Salary LPA	Variable	Incentive	Appraisal Rate	Joining Date	Year	Days in Month
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Jabalpur	JA9	Madhya Pradesh	Gwendolyn	800000	15300	11.6	8.3	30-09-2016	2016	30
Jaipur	JA6	Rajasthan	Gwendolyn	1520000	8000	13.8	10	20-09-2016	2016	30

TABLE: Employee Data (53 rows) COLUMN: Days in Month (4 distinct values)

Fields: Search, Employee Data, Appraisal Rate, City, City Code, Days in Month, Employee First N..., Incentive, Joining Date, Salary LPA, State, Variable, Year

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





Both **Assam** and **Chandigarh** states are lowest payout as per the data.