

## 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.

The screenshot displays the Power Query Editor interface. The main area shows a table with 12 columns and 53 rows. The columns are: City, codes, State, Employee FirstName, Employee LastName, Salary LPA, and Variable. The data includes various cities like Agra, Ahmedabad, Allahabad, Amritsar, Aurangabad, Bangalore, Bareilly, Bhopal, Chandigarh, Chennai, Coimbatore, Delhi, Dhanbad, Faridabad, Ghaziabad, Guwahati, Gwalior, Howrah, Hubballi-Dharwad, Hyderabad, Indore, Jabalpur, Jaipur, Jodhpur, Kalyan-Dombivli, Kanpur, Kolkata, and Kota.

The formula bar at the top shows the query definition: `Table.RenameColumns(*Calculated Days in Month,{{"Joining Date - Copy.1", "No of days in Month"}})`.

The right sidebar shows the 'Query Settings' pane with the 'Name' field set to 'Employee Data' and a list of 'APPLIED STEPS' including Source, Navigation, Promoted Headers, Changed Type, Split Column by Delimiter, Changed Type1, Removed Errors, Renamed Columns, Split Column by Delimiter1, Changed Type2, Removed Columns, Split Column by Delimiter2, Changed Type3, Merged Columns, Renamed Columns1, Duplicated Column, Extracted Year, Duplicated Column1, Renamed Columns2, Calculated Days in Month, and Renamed Columns3.

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

Power query editor Assignment3 - Power Query Editor

Formula Bar: `=Table.RenameColumns(#\"Calculated Days in Month\",{{\"Joining Date - Copy.1\", \"No of days in Month\"}})`

	State	Employee First Name	Employee LastName	Salary LPA	Variable	Incentive
1	Uttar Pradesh	Bonnie	Potter	1080000	14800	
2	Gujarat	Bonnie	Potter	1770000	14200	
3	Uttar Pradesh	Bonnie	Potter	910000	13700	
4	Punjab	Bonnie	Potter	930000	14000	
5	Maharashtra	Bonnie	Potter	950000	16700	
6	Karnataka	Bonnie	Potter	1820000	14100	
7	Uttar Pradesh	Bonnie	Proctor	500000	17100	
8	Madhya Pradesh	Bonnie	Proctor	1260000	6000	
9	Chandigarh	Dwight	Hwang	570000	14400	
10	Tamil Nadu	Dwight	Hwang	1860000	12100	
11	Tamil Nadu	Dwight	Hwang	860000	18800	
12	Delhi	Dwight	Hwang	2060000	11400	
13	Jharkhand	Leon	Gill	940000	10200	
14	Haryana	Melanie	Garner	1060000	23100	
15	Uttar Pradesh	Lorraine	Houston	1100000	10100	
16	Assam	Meredith	Norris Thomas	570000	19000	
17	Madhya Pradesh	Marcus	Dunlap	800000	20200	
18	West Bengal	Kara	Pace	860000	14900	
19	Karnataka	Gwendolyn	F Tyson	520000	16000	
20	Telangana	Gwendolyn	F Tyson	1790000	12000	
21	Madhya Pradesh	Gwendolyn	F Tyson	1290000	13300	
22	Madhya Pradesh	Gwendolyn	F Tyson	800000	15300	
23	Rajasthan	Gwendolyn	F Tyson	1520000	8000	
24	Rajasthan	Timothy	Reese	770000	17500	
25	Maharashtra	Timothy	Reese	1020000	14700	
26	Uttar Pradesh	Timothy	Reese	1440000	12300	
27	West Bengal	Timothy	Reese	1620000	10200	
28	Rajasthan	Timothy	Reese	600000	19000	

12 COLUMNS, 28 ROWS Column profiling based on top 1000 rows

Query Settings: **APPLIED STEPS** (Renamed Columns3)

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

Power query editor Assignment3 - Power Query Editor

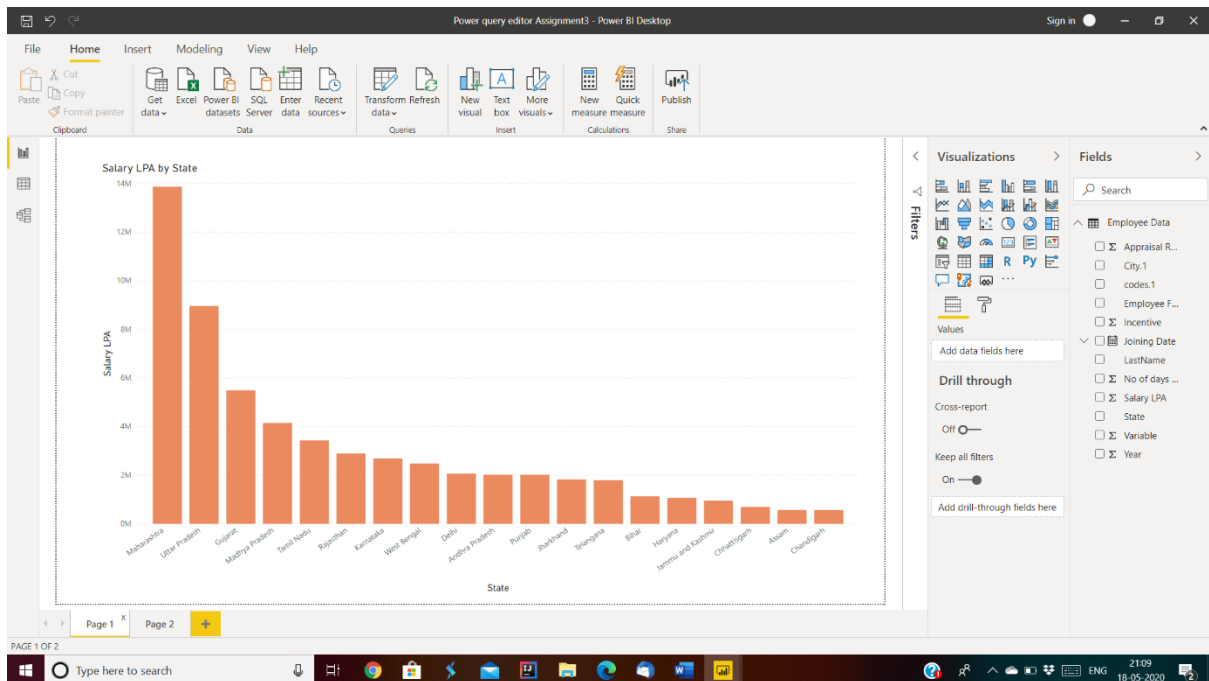
Formula Bar: `=Table.RenameColumns(#\"Calculated Days in Month\",{{\"Joining Date - Copy.1\", \"No of days in Month\"}})`

	Variable	Incentive	Appraisal Rate	Joining Date	Year	No of days in Month
1	1080000	14800	8.3	05-11-2016	2016	30
2	1770000	14200	9.3	26-08-2016	2016	31
3	910000	13700	9.4	27-01-2017	2017	31
4	930000	14000	9.2	12-12-2015	2015	31
5	950000	16700	9.4	08-04-2015	2015	30
6	1820000	14100	7.9	26-03-2016	2016	31
7	500000	17100	10	20-11-2015	2015	30
8	1260000	6000	10	14-04-2017	2017	30
9	570000	14400	16.8	11-01-2016	2016	31
10	1860000	12100	13.6	17-06-2016	2016	30
11	860000	18800	11.3	21-10-2015	2015	31
12	2060000	11400	15.2	07-04-2015	2015	30
13	940000	10200	6.7	19-09-2015	2015	31
14	1060000	15100	8.3	11-05-2016	2016	31
15	1100000	10100	3.6	09-06-2016	2016	30
16	570000	19000	10.8	19-07-2016	2016	31
17	800000	20200	11.9	12-04-2015	2015	30
18	860000	14900	10.9	05-03-2017	2017	31
19	520000	16000	9.8	12-01-2017	2017	31
20	1790000	12000	13.7	20-02-2015	2015	28
21	1290000	13300	10.3	09-03-2017	2017	31
22	800000	15300	11.6	30-09-2016	2016	30
23	1520000	8000	13.8	20-09-2016	2016	30
24	770000	17500	9.7	14-11-2016	2016	30
25	1020000	14700	9.1	19-09-2016	2016	30
26	1440000	12300	9.3	27-12-2016	2016	30
27	1620000	10200	14.8	19-04-2015	2015	30
28	600000	19000	10.8	03-11-2015	2015	30

12 COLUMNS, 28 ROWS Column profiling based on top 1000 rows

Query Settings: **APPLIED STEPS** (Renamed Columns3)

– 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.



**ASSAM AND CHANDIGARH HAS LESS PAY**