

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 shows the Power Query Editor interface. The main table has the following data:

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

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

The screenshot shows the Power Query Editor interface after the transformation. The main table has the following data:

City Code	State	Employee Name	Employee First Name	Salary LPA
AG1	Uttar Pradesh	Bonnie Potter	Bonnie	
AH5	Gujarat	Bonnie Potter	Bonnie	
AL2	Uttar Pradesh	Bonnie Potter	Bonnie	
AM3	Punjab	Bonnie Potter	Bonnie	
AU8	Maharashtra	Bonnie Potter	Bonnie	
BA1	Karnataka	Bonnie Potter	Bonnie	
BA2	Uttar Pradesh	Ronnie Proctor	Ronnie	
BH9	Madhya Pradesh	Ronnie Proctor	Ronnie	
CH9	Chandigarh	Dwight Hwang	Dwight	
CH7	Tamil Nadu	Dwight Hwang	Dwight	
CO7	Tamil Nadu	Dwight Hwang	Dwight	
DE3	Delhi	Dwight Hwang	Dwight	
DH5	Jharkhand	Leon Gill	Leon	
FA4	Haryana	Melanie Garner	Melanie	
GH4	Uttar Pradesh	Lorraine Houston	Lorraine	
GU2	Assam	Meredith Norris Thomas	Meredith	
GW4	Madhya Pradesh	Marcus Dunlap	Marcus	
HO7	West Bengal	Kara Pace	Kara	
HU1	Karnataka	Gwendolyn F Tyson	Gwendolyn	
HY8	Telangana	Gwendolyn F Tyson	Gwendolyn	
IN1	Madhya Pradesh	Gwendolyn F Tyson	Gwendolyn	
JA9	Madhya Pradesh	Gwendolyn F Tyson	Gwendolyn	
JA6	Rajasthan	Gwendolyn F Tyson	Gwendolyn	

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

FileHomeTransformViewToolsHelp

Column From ExamplesCustom ColumnInvoke Custom FunctionGeneral

Conditional ColumnIndex ColumnDuplicate Column

Merge ColumnsFormatParseFrom Text

StatisticsStandard ScientificFrom Number

TrigonometryRoundingInformation

DateTimeDurationFrom Date & Time

Text AnalyticsVision Azure Machine Learning

Queries [2]MarksheetEmployee Data

1.2 Incentive1.2 Appraisal RateJoining DateJoining YearDays in Joining month

1	14800	8.3	7.2	05-11-2016	2016	30
2	14200	9.3	9.6	26-08-2016	2016	31
3	13700	9.4	10.2	27-01-2017	2017	31
4	14000	9.2	10.7	12-12-2015	2015	31
5	16700	9.4	9.6	08-04-2015	2015	30
6	14100	7.9	9.5	26-03-2016	2016	31
7	17100	10	11.1	20-11-2015	2015	30
8	6000	10	10.3	14-04-2017	2017	30
9	14400	16.8	7.4	11-01-2016	2016	31
10	12100	13.6	9.7	17-06-2016	2016	30
11	18800	11.3	8.2	21-10-2015	2015	31
12	11400	15.2	8.3	07-04-2015	2015	30
13	10200	6.7	8.9	19-05-2015	2015	31
14	15100	8.3	7.1	11-05-2016	2016	31
15	10100	3.6	8.4	09-06-2016	2016	30
16	19000	10.8	9.2	19-07-2016	2016	31
17	20200	11.9	8.9	12-04-2015	2015	30
18	14900	10.9	10.3	05-03-2017	2017	31
19	16000	9.8	9.9	12-01-2017	2017	31
20	12000	13.7	9.2	20-02-2015	2015	28
21	13300	10.3	8.7	09-03-2017	2017	31
22	15300	11.6	8.3	30-09-2016	2016	30
23	8000	13.8	10	20-09-2016	2016	30
24						

12 COLUMNS, 53 ROWSColumn profiling based on top 1000 rows

Query Settings

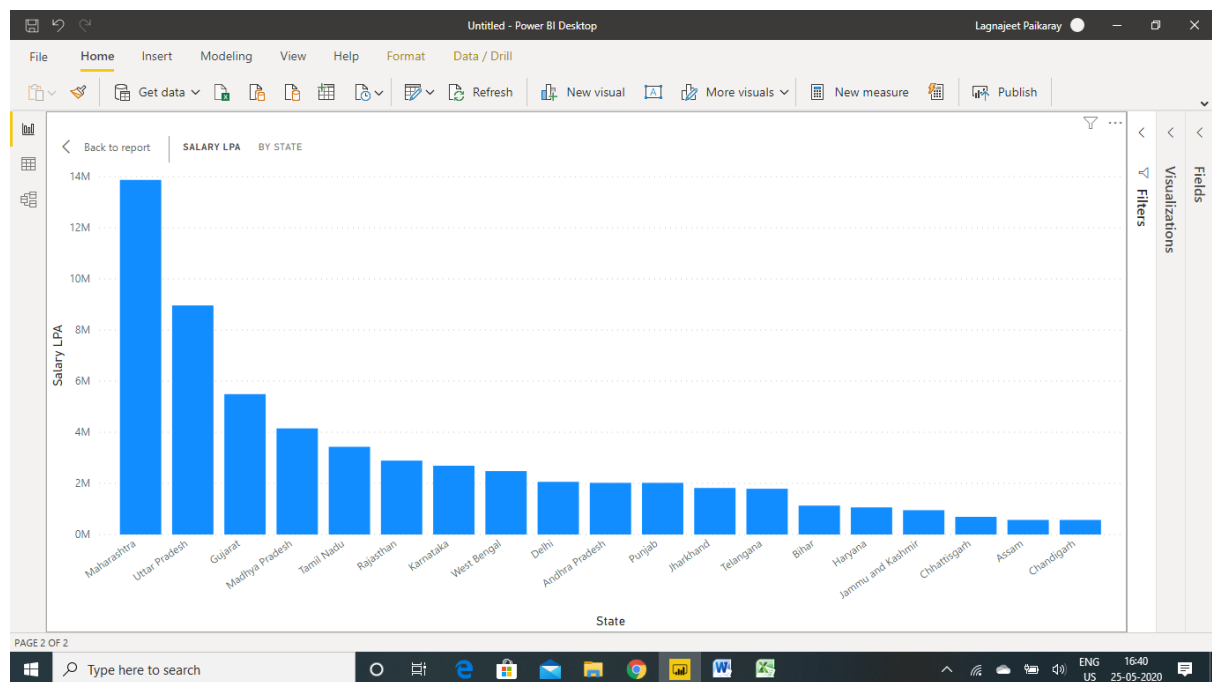
PROPERTIESNameEmployee DataAll Properties

APPLIED STEPS

SourceNavigationPromoted HeadersChanged TypeSplit Column by DelimiterChanged Type1Renamed ColumnsInserted Text Before DelimiterReordered ColumnsRenamed Columns1Duplicated ColumnDuplicated Column1Renamed Columns2Extracted YearRenamed Columns3Calculated Days in Month

PREVIEW DOWNLOADED AT 15:51

– 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.



As per the bar chart above, it can be concluded that Chandigarh has lowest payout.