

Assignment 3

Sunday, May 10, 2020 6:09 PM

Column Splits In to city name and city code

The screenshot shows the Microsoft Power Query Editor interface. The main area displays a table with the following columns:

	City	City Code	State	Employee Name	Salary (PA)	Variable	Incentive	Appraisal Rate	Joining Date
1	Agra	[AG1]	Uttar Pradesh	Bonnie Potter	1080000	14800	8.3	7.2	11/5/2
2	Ahmedabad	[AH5]	Gujarat	Bonnie Potter	1770000	14200	9.3	9.6	8/26/2
3	Allahabad	[AL2]	Uttar Pradesh	Bonnie Potter	910000	13700	9.4	10.2	1/27/2
4	Amritsar	[AM3]	Punjab	Bonnie Potter	930000	14000	9.2	10.7	12/12/2
5	Aurangabad	[AU8]	Maharashtra	Bonnie Potter	950000	15700	9.4	9.6	4/8/2
6	Bangalore	[BA1]	Karnataka	Bonnie Potter	1820000	14100	7.9	9.5	3/26/2
7	Bareilly	[BA2]	Uttar Pradesh	Ronnie Proctor	500000	17100	10	11.1	11/20/2
8	Bhopal	[BH9]	Madhya Pradesh	Ronnie Proctor	1260000	6000	10	10.3	4/14/2
9	Chandigarh	[CH9]	Chandigarh	Dwight Hwang	570000	14400	16.8	7.4	1/11/2
10	Chennai	[CH7]	Tamil Nadu	Dwight Hwang	1860000	12100	13.6	9.7	6/17/2
11	Coimbatore	[COT]	Tamil Nadu	Dwight Hwang	860000	13800	11.3	8.2	10/21/2
12	Delhi	[DE3]	Delhi	Dwight Hwang	2060000	11400	15.2	8.3	4/7/2
13	Dhanbad	[DH5]	Jharkhand	Leon Gill	940000	10200	6.7	8.9	5/19/2
14	Fardisbad	[FA4]	Haryana	Melanie Garner	1060000	15100	8.3	7.1	5/11/2
15	Ghaziabad	[GH4]	Uttar Pradesh	Lorraine Houston	1100000	10100	3.6	8.4	6/9/2
16	Guwahati	[GU2]	Assam	Meredith Norris Thomas	570000	19000	10.8	9.2	7/19/2
17	Gwalior	[GW4]	Madhya Pradesh	Marcus Dunlap	800000	20200	11.9	8.9	4/12/2
18	Howrah	[HOT]	West Bengal	Kara Pace	860000	14900	10.9	10.3	3/5/2
19	Hubballi-Dharwad	[HU1]	Karnataka	Gwendolyn F Tyson	520000	16000	9.8	9.9	1/12/2
20	Hyderabad	[HY8]	Telangana	Gwendolyn F Tyson	1790000	12000	13.7	9.2	2/20/2
21	Indore	[IN1]	Madhya Pradesh	Gwendolyn F Tyson	1290000	13300	10.3	8.7	3/9/2
22	Jabalpur	[JA9]	Madhya Pradesh	Gwendolyn F Tyson	800000	15300	11.6	8.3	9/30/2
23	Jalipur	[JA6]	Rajasthan	Gwendolyn F Tyson	1520000	8000	13.8	10	9/20/2
24	Jodhpur	[JO6]	Rajasthan	Timothy Reese	770000	17500	9.8	9.7	11/14/2
25	Kalyan-Dombivali	[KA5]	Maharashtra	Timothy Reese	1020000	14700	9.1	9.2	9/19/2
26	Kanpur	[KA2]	Uttar Pradesh	Timothy Reese	1440000	12300	9.3	8.7	12/27/2
27	Kolkata	[KO2]	West Bengal	Timothy Reese	1620000	10200	14.8	9.1	4/19/2
28	Kota	[KOT7]	Rajasthan	Timothy Reese	600000	19000	10.8	9.6	11/3/2
29	Lucknow	[LU6]	Uttar Pradesh	Timothy Reese	1500000	12900	14.7	8.7	5/12/2
30	Ludhiana	[LU5]	Punjab	Sarah Ramsey	1090000	12900	8	9.1	9/1/2
31	Madurai	[N 2]	Tamil Nadu	Sarah Ramsey	710000	16300	10.1	10.7	9/16/2
32	Meerut	[ME9]	Uttar Pradesh	Sarah Ramsey	1060000	17700	10.1	13	1/17/2
33	Moradabad	[MO2]	Uttar Pradesh	Florence Hsu Schwarz	400000	15300	9	8.8	10/16/2
34	**								

Below the table, there is a dropdown menu labeled [AG1] and a status bar indicating "9 COLUMNS, 53 ROWS - Column profiling based on top 1000 rows".

PREVIEW DOWNLOADED AT 7:17 PM

First name extracted from column and column transform

Untitled - Power Query Editor

File Home Transform Add Column View Tools Help

Queries [1]

Employee Data

Column profiling based on top 1000 rows

9 COLUMNS, 53 ROWS PREVIEW DOWNLOADED AT 7:22 PM

Source: Employee Data
Name: Employee Data
All Properties

APPLIED STEPS

Source: Employee Data
Navigation
Promoted Headers
Split Column by Position
Changed Type
Renamed Columns
Extracted Text Before Delimiter

Query Settings

Properties: Name: Employee Data
All Properties

Text Column

Number Column

Date & Time Column

Structured Column

Scripts

R Py

Employee Name **ABC_123_Salary_LPA** **ABC_123_Variable** **ABC_123_Incentive** **ABC_123_Appraisal_Rate** **ABC_123_Joining_Date** **ABC_123_Joining_Year** **ABC_123_Joining_Month** **ABC_123_Joining_Days**

	Employee Name	ABC_123_Salary_LPA	ABC_123_Variable	ABC_123_Incentive	ABC_123_Appraisal_Rate	ABC_123_Joining_Date	ABC_123_Joining_Year	ABC_123_Joining_Month	ABC_123_Joining_Days
1	Agra	[AG1]	Uttar Pradesh	Bonnie	1080000	14800	8.3	7.2	11/5/2016
2	Ahmedabad	[AH5]	Gujarat	Bonnie	1770000	14200	9.3	9.6	8/26/2016
3	Allahabad	[AL2]	Uttar Pradesh	Bonnie	910000	13700	9.4	10.2	1/27/2017
4	Amritsar	[AM3]	Punjab	Bonnie	930000	14000	9.2	10.7	12/12/2016
5	Aurangabad	[AU8]	Maharashtra	Bonnie	950000	16700	9.4	9.6	4/8/2016
6	Bangalore	[BA1]	Karnataka	Bonnie	1820000	14100	7.9	9.5	3/26/2016
7	Bareilly	[BA2]	Uttar Pradesh	Ronnie	500000	17100	10	11.1	11/20/2016
8	Bhopal	[BH9]	Madhya Pradesh	Ronnie	1260000	6000	10	10.3	4/14/2016
9	Chandigarh	[CH9]	Chandigarh	Dwight	570000	14400	16.8	7.4	1/11/2016
10	Chennai	[CH7]	Tamil Nadu	Dwight	1860000	12100	13.6	9.7	6/17/2016
11	Coimbatore	[COT]	Tamil Nadu	Dwight	860000	18800	11.3	8.2	10/21/2016
12	Delhi	[DE3]	Delhi	Dwight	2060000	11400	15.2	8.3	4/7/2016
13	Dhanbad	[DH5]	Jharkhand	Leon	940000	10200	6.7	8.9	5/19/2016
14	Fardibad	[FA4]	Haryana	Melanie	1060000	15100	8.3	7.1	5/11/2016
15	Ghazibabad	[GH4]	Uttar Pradesh	Lorraine	1100000	10100	3.6	8.4	6/9/2016
16	Guwahati	[GU2]	Assam	Meredith	570000	19000	10.8	9.2	7/19/2016
17	Gwalior	[GW4]	Madhya Pradesh	Marcus	800000	20200	11.9	8.9	4/12/2016
18	Howrah	[HO7]	West Bengal	Kara	860000	14900	10.9	10.3	3/5/2016
19	Hubballi-Dharwad	[HU1]	Karnataka	Gwendolyn	520000	16000	9.8	9.9	1/12/2016
20	Hyderabad	[HY8]	Telangana	Gwendolyn	1790000	12000	13.7	9.2	2/20/2016
21	Indore	[IN1]	Madhya Pradesh	Gwendolyn	1290000	13300	10.3	8.7	3/9/2016
22	Jabalpur	[JA9]	Madhya Pradesh	Gwendolyn	800000	15300	11.6	8.3	9/30/2016
23	Jaipur	[JA6]	Rajasthan	Gwendolyn	1520000	8000	13.8	10	9/20/2016
24	Jodhpur	[JO6]	Rajasthan	Timothy	770000	17500	9.8	9.7	11/14/2016
25	Kalyan-Dombivli	[KA5]	Maharashtra	Timothy	1020000	14700	9.1	9.2	9/19/2016
26	Kanpur	[KA2]	Uttar Pradesh	Timothy	1440000	12300	9.3	8.7	12/27/2016
27	Kolkata	[KO2]	West Bengal	Timothy	1620000	10200	14.8	9.1	4/19/2016
28	Kota	[KO7]	Rajasthan	Timothy	600000	19000	10.8	9.6	11/3/2016
29	Lucknow	[LU6]	Uttar Pradesh	Timothy	1500000	12900	14.7	8.7	5/12/2016
30	Ludhiana	[LU5]	Punjab	Sarah	1090000	12900	8	9.1	9/1/2016
31	Madurai	[N 2]	Tamil Nadu	Sarah	710000	16300	10.1	10.7	9/16/2016
32	Meerut	[ME9]	Uttar Pradesh	Sarah	1050000	17700	10.1	13	1/17/2016
33	Moradabad	[MO2]	Uttar Pradesh	Florence	400000	15300	9	8.8	10/16/2016
34	Mumbai	[MU9]	Maharashtra	Florence	2920000	9500	13.5	10.8	4/13/2016
35	Myson	[MY8]	Karnataka	Laurie	350000	17300	11.3	9.9	9/9/2016
36	Nagpur	[NA7]	Maharashtra	Laurie	1340000	16500	11.7	7.6	1/26/2016
37	Nashik	[NA6]	Maharashtra	Laurie	1080000	15000	9.8	10.4	6/20/2016
38	Navi Mumbai	[NA1]	Maharashtra	Laurie	920000	14000	8.4	9.6	3/8/2016
39	Patna	[PA1]	Bihar	Laurie	1130000	9000	12.5	7.2	8/7/2016

Extraction of Year and no. of days for that month

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File Home Transform Add Column View Tools Help

Queries [1]

Employee Data

Column profiling based on top 1000 rows

12 COLUMNS, 53 ROWS PREVIEW DOWNLOADED AT 7:31 PM

Source: Employee Data
Name: Employee Data
All Properties

APPLIED STEPS

Source: Employee Data
Navigation
Promoted Headers
Split Column by Position
Changed Type
Renamed Columns
Extracted Text Before Delimiter
Duplicated Column
Renamed Column1
Extracted Year
Duplicated Column1
Renamed Column2
Extracted Month
Removed Duplicates
Duplicated Column2
Extracted Day
Renamed Column3

Query Settings

Properties: Name: Employee Data
All Properties

Text Column

Number Column

Date & Time Column

Structured Column

Scripts

R Py

Employee Name **ABC_123_Salary_LPA** **ABC_123_Variable** **ABC_123_Incentive** **ABC_123_Appraisal_Rate** **ABC_123_Joining_Date** **ABC_123_Joining_Year** **ABC_123_Joining_Month** **ABC_123_Joining_Days**

	Employee Name	ABC_123_Salary_LPA	ABC_123_Variable	ABC_123_Incentive	ABC_123_Appraisal_Rate	ABC_123_Joining_Date	ABC_123_Joining_Year	ABC_123_Joining_Month	ABC_123_Joining_Days
1	nie	1080000	14800	8.3	7.2	11/5/2016	2016	11	5
2	nie	1770000	14200	9.3	9.6	8/26/2016	2016	8	26
3	nie	910000	13700	9.4	10.2	1/27/2017	2017	1	27
4	nie	930000	14000	9.2	10.7	12/12/2016	2015	12	12
5	nie	950000	16700	9.4	9.6	4/8/2015	2015	4	8
6	nie	1820000	14100	7.9	9.5	3/26/2016	2016	3	26
7	nie	500000	17100	10	11.1	11/20/2016	2015	11	20
8	nie	1260000	6000	10	10.3	4/14/2017	2017	4	14
9	ght	570000	14400	16.8	7.4	1/11/2016	2016	1	11
10	ght	1860000	12100	13.6	9.7	6/17/2016	2016	6	17
11	ght	860000	18800	11.3	8.2	10/21/2015	2015	10	21
12	ght	2060000	11400	15.2	8.3	4/7/2015	2015	4	7
13	nie	940000	10200	6.7	8.9	5/19/2015	2015	5	19
14	anie	1060000	15100	8.3	7.1	5/11/2016	2016	5	11
15	aine	1100000	10100	3.6	8.4	6/9/2016	2016	6	9
16	edith	570000	19000	10.8	9.2	7/19/2016	2016	7	19
17	cus	800000	20200	11.9	8.9	4/12/2015	2015	4	12
18	a	880000	14900	10.9	10.3	3/5/2017	2017	3	5
19	indolyn	520000	16000	9.8	9.9	1/12/2017	2017	1	12
20	indolyn	1790000	12000	13.7	9.2	2/20/2015	2015	2	20
21	indolyn	1290000	13300	10.3	8.7	3/9/2017	2017	3	9
22	indolyn	800000	15300	11.6	8.3	9/30/2016	2016	9	30
23	indolyn	1520000	8000	13.8	10	9/20/2016	2016	9	20
24	othy	770000	17500	9.8	8.7	11/14/2016	2016	11	14
25	othy	1020000	14700	9.1	9.2	9/19/2016	2016	9	19
26	othy	1440000	12300	9.3	8.7	12/27/2016	2016	12	27
27	othy	1620000	10200	14.8	9.1	4/19/2015	2015	4	19
28	othy	600000	19000	10.8	9.6	11/5/2015	2015	11	3
29	othy	1500000	12900	14.7	8.7	5/12/2016	2016	5	12
30	sh	1090000	12900	8	9.1	9/1/2014	2014	9	1
31	sh	710000	16300	10.1	10.7	9/16/2014	2014	9	16
32	sh	1060000	17700	10.1	13	1/17/2014	2014	1	17
33	ence	400000	15300	9	8.8	10/16/2015	2015	10	16
34	ence	2920000	9500	13.5	10.8	4/13/2016	2016	4	13
35	rie	350000	17300	11.3	9.9	9/3/2015	2015	9	3
36	rie	1540000	16500	11.7	7.6	1/26/2014	2014	1	26
37	rie	1080000	15000	9.8	10.4	6/20/2016	2016	6	20
38	rie	920000	14000	8.4	9.6	3/8/2017	2017	3	8
39	rie	1130000	9000	12.5	7.2	8/7/2016	2016	8	7

Salary paid to each state with lowest payout State

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File **Home** **Insert** **Modeling** **View** **Help** **Format** **Data / Drill**

Cut Copy Format painter Get data Excel Power BI datasets SQL Server data sources Transform Refresh data New visual Text box More visuals Insert New measure Quick measure Calculations Share

Clipboard **Data** **Queries**

State	Salary LPA
Andhra Pradesh	2020000
Assam	570000
Bihar	1130000
Chandigarh	570000
Chhattisgarh	690000
Delhi	2060000
Gujarat	5490000
Haryana	1060000
Jammu and Kashmir	950000
Jharkhand	1820000
Karnataka	2690000
Madhya Pradesh	4150000
Maharashtra	13870000
Punjab	2020000
Rajasthan	2890000
Tamil Nadu	3430000
Telangana	1790000
Uttar Pradesh	8960000
West Bengal	2480000
Total	58640000

Salary LPA by State

Filters

- Filters on this visual
 - Salary LPA is (All)
 - State is (All)
- Filters on this page
- Filters on all pages

Visualizations

Fields

Employee Data

- Appraisal Rate
- City
- City Code
- Employee Name
- Incentive
- Joining Date
- Joining Month
- Joining Year
- Salary LPA
- State
- Variable

Drill through

Cross-report

Off

Keep all filters

On

Add drill-through fields here