

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 with the 'Employee Data' query loaded. The data table has 53 rows and 11 columns. The 'City' column is split into 'City' and 'City Code' columns. The 'City Code' column contains codes like [AG1], [AH5], [AL2], etc. The 'City' column contains city names like Agra, Ahmedabad, Allahabad, etc. The 'City Code' column is highlighted in blue.

ID	Salary	Joining Date	City	City Code
1	7.2	11/5/2016	Agra	[AG1]
2	9.6	8/26/2016	Ahmedabad	[AH5]
3	10.2	1/27/2017	Allahabad	[AL2]
4	10.7	12/12/2015	Amritsar	[AM3]
5	9.6	4/8/2015	Aurangabad	[AU8]
6	9.5	3/26/2016	Bangalore	[BA1]
7	11.1	11/20/2015	Bareilly	[BA2]
8	10.3	4/14/2017	Bhopal	[BH9]
9	7.4	1/11/2016	Chandigarh	[CH9]
10	9.7	6/17/2016	Chennai	[CH7]
11	8.2	10/21/2015	Coimbatore	[CO7]
12	8.3	4/7/2015	Delhi	[DE3]
13	8.9	5/19/2015	Dhanbad	[DH5]
14	7.1	5/11/2016	Faridabad	[FA4]
15	8.4	6/9/2016	Ghaziabad	[GH4]
16	9.2	7/19/2016	Guwahati	[GU2]
17	8.9	4/12/2015	Gwalior	[GW4]
18	10.3	3/5/2017	Howrah	[HO7]
19	9.9	1/12/2017	Huhalii-Dharwad	[HI11]

Query Settings: Employee Data

APPLIED STEPS:

- Source
- Navigation
- Promoted Headers
- Changed Type
- Split Column by Delimiter
- Changed Type1
- Duplicated Column
- Extracted Year
- Calculated Days in Month
- Duplicated Column1
- Split Column by Position
- Renamed Columns
- Removed Columns
- Filtered Rows
- Renamed Columns1

11 COLUMNS, 53 ROWS Column profiling based on top 1000 rows

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

The screenshot displays the Power Query Editor interface. The ribbon includes 'File', 'Home', 'Transform', 'Add Column', 'View', 'Tools', and 'Help'. The 'Add Column' tab is active, showing options like 'Conditional Column', 'Index Column', and 'Duplicate Column'. The 'Transform' tab is also visible, showing options like 'Merge Columns', 'Extract', and 'Parse'. The 'Data' tab is selected, showing a table with columns: 'Joining Date', 'Employee Name', and 'First name of the employee'. The 'Employee Name' column is highlighted, and the 'First name of the employee' column is visible. The 'Query Settings' pane on the right shows the 'Name' as 'Employee Data' and the 'Applied Steps' list, which includes 'Removed Columns1'.

Joining Date	Employee Name	First name of the employee
11/5/2016	Bonnie Potter	Bonnie
8/26/2016	Bonnie Potter	Bonnie
1/27/2017	Bonnie Potter	Bonnie
12/12/2015	Bonnie Potter	Bonnie
4/8/2015	Bonnie Potter	Bonnie
3/26/2016	Bonnie Potter	Bonnie
11/20/2015	Ronnie Proctor	Ronnie
4/14/2017	Ronnie Proctor	Ronnie
1/11/2016	Dwight Hwang	Dwight
6/17/2016	Dwight Hwang	Dwight
10/21/2015	Dwight Hwang	Dwight
4/7/2015	Dwight Hwang	Dwight
5/19/2015	Leon Gill	Leon
5/11/2016	Melanie Garner	Melanie
6/9/2016	Lorraine Houston	Lorraine
7/19/2016	Meredith Norris Thomas	Meredith
4/12/2015	Marcus Dunlap	Marcus
3/5/2017	Kara Pace	Kara
1/12/2017	Gwendolyn F Tyson	Gwendolyn
2/20/2015	Gwendolyn F Tyson	Gwendolyn
3/9/2017	Gwendolyn F Tyson	Gwendolyn
9/30/2016	Gwendolyn F Tyson	Gwendolyn
9/20/2016	Gwendolyn F Tyson	Gwendolyn
11/14/2016	Timothy Reese	Timothy

10 COLUMNS, 53 ROWS Column profiling based on top 1000 rows

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

Power Query Editor - PQE assignment - Power Query Editor

File Home Transform Add Column View Tools Help

Column From Custom Invoke Custom
Examples Column Function Duplicate Column

General

Conditional Column
Index Column
Duplicate Column

Format
Merge Columns
Extract
Parse

Statistics
Standard
Scientific

Trigonometry
Rounding
Information

Date
Time
Duration

From Date & Time

Queries [1]

Employee Data

	Joining Date	Extracted year	Number of days for the month
1	11/5/2016	2016	30
2	8/26/2016	2016	31
3	1/27/2017	2017	31
4	12/12/2015	2015	31
5	4/8/2015	2015	30
6	3/26/2016	2016	31
7	11/20/2015	2015	30
8	4/14/2017	2017	30
9	1/11/2016	2016	31
10	6/17/2016	2016	30
11	10/21/2015	2015	31
12	4/7/2015	2015	30
13	5/19/2015	2015	31
14	5/11/2016	2016	31
15	6/9/2016	2016	30
16	7/19/2016	2016	31
17	4/12/2015	2015	30
18	3/5/2017	2017	31
19	1/12/2017	2017	31
20			
21			
22			
23			
24			
25			
26			
27			
28			
29			
30			

Query Settings

PROPERTIES

Name
Employee Data

All Properties

APPLIED STEPS

- Source
- Navigation
- Promoted Headers
- Changed Type
- Split Column by Delimiter
- Changed Type1
- Duplicated Column
- Extracted Year
- Renamed Columns
- Duplicated Column1
- Calculated Days in Month
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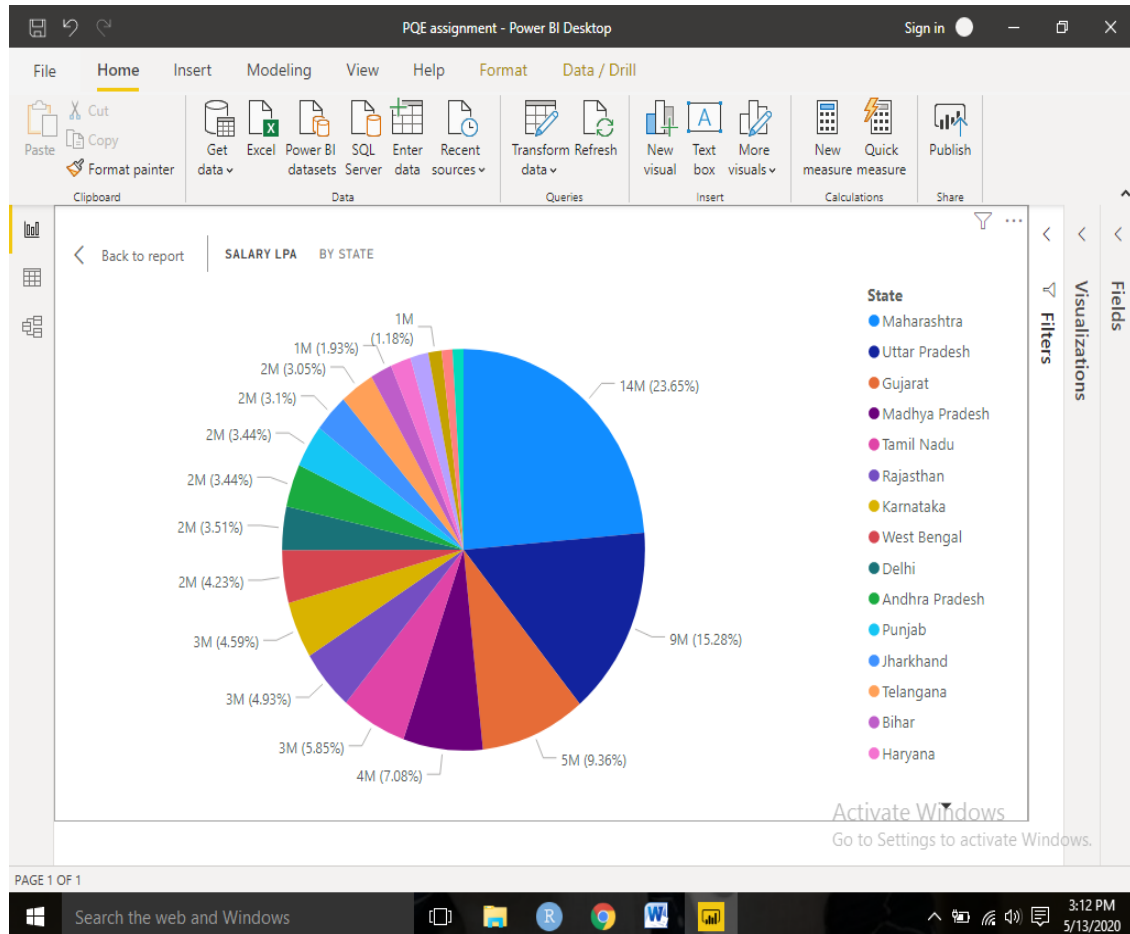
11 COLUMNS, 53 ROWS Column profiling based on top 1000 rows

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

■ Pie chart



▪ Treemap

