

ASSIGNMENT – 3(POWER QUERY EDITOR)

Question 1-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 [AL2] will be separate.

-Extract the first name from Employee name column and Transform the column

-Using the joining date column extract the Year and number of days for that month.

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

Solutions:

-Split the column CITY and separate the code associate with each city like –

Allahabad[AL2] should be only Allahabad and [AL2] will be separate.

Queries [1]

Employee Data

9 COLUMNS, 53 ROWS. Column profiling based on top 1000 rows

	ABC CITY	ABC CITY CODE	ABC State	ABC Employee Name	ABC Salary LPA	ABC Variable	ABC Incentive	ABC
1	Agra	[AG1]	Uttar Pradesh	Bonnie Potter	1080000	14800	8.3	
2	Ahmedabad	[AH5]	Gujarat	Bonnie Potter	1770000	14200	9.3	
3	Allahabad	[AL2]	Uttar Pradesh	Bonnie Potter	910000	13700	9.4	
4	Amritsar	[AM3]	Punjab	Bonnie Potter	930000	14000	9.2	
5	Aurangabad	[AU8]	Maharashtra	Bonnie Potter	950000	16700	9.4	
6	Bangalore	[BA1]	Karnataka	Bonnie Potter	1820000	14100	7.9	
7	Bareilly	[BA2]	Uttar Pradesh	Ronnie Proctor	500000	17100	10	
8	Bhopal	[BH9]	Madhya Pradesh	Ronnie Proctor	1260000	6000	10	
9	Chandigarh	[CH9]	Chandigarh	Dwight Hwang	570000	14400	16.8	
10	Chennai	[CH7]	Tamil Nadu	Dwight Hwang	1860000	12100	13.6	
11	Coimbatore	[CO7]	Tamil Nadu	Dwight Hwang	860000	18800	11.3	
12	Delhi	[DE3]	Delhi	Dwight Hwang	2060000	11400	15.2	
13	Dhanbad	[DH5]	Jharkhand	Leon Gill	940000	10200	6.7	
14	Faridabad	[FA4]	Haryana	Melanie Garner	1060000	15100	8.3	
15	Ghaziabad	[GH4]	Uttar Pradesh	Lorraine Houston	1100000	10100	3.6	
16	Guwahati	[GU2]	Assam	Meredith Norris Thomas	570000	19000	10.8	
17	Gwalior	[GU2]	Madhya Pradesh	Marcus Dunlap	800000	20200	11.9	
18	Howrah	[HO7]	West Bengal	Kara Pace	860000	14900	10.9	
19	Hubballi-Dharwad	[HU1]	Karnataka	Gwendolyn F Tyson	520000	16000	9.8	
20	Hyderabad	[HU1]	Telangana	Gwendolyn F Tyson	1790000	12000	13.7	
21	Indore	[HU1]	Madhya Pradesh	Gwendolyn F Tyson	1290000	13300	10.3	
22	Jabalpur	[JA9]	Madhya Pradesh	Gwendolyn F Tyson	800000	15300	11.6	
23	Jaipur	[JA6]	Rajasthan	Gwendolyn F Tyson	1520000	8000	13.8	
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-Extract the first name from Employee name column and Transform the column

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File Home Transform Add Column View Tools Help

Group By Use First Row as Headers Count Rows

Table

Transpose Reverse Rows Detect Data Type Fill Rename Pivot Column Convert to List

Any Column

Split Column Format Text Column Merge Columns Extract Parse

Text Column

Statistics Standard Scientific Rounding Information

Number Column

Date Time Duration

Date & Time Column

Structured Column Run R script Run Python script

Scripts

Queries [1]

Employee Data

City CITY CODE State Employee Name Salary LPA Variable Incentive

1 Agra [AG1] Uttar Pradesh Potter 1080000 14800 8.3

2 Ahmedabad [AH5] Gujarat Potter 1770000 14200 9.3

3 Allahabad [AL2] Uttar Pradesh Potter 910000 13700 9.4

4 Amritsar [AM3] Punjab Potter 930000 14000 9.2

5 Aurangabad [AU8] Maharashtra Potter 950000 16700 9.4

6 Bangalore [BA1] Karnataka Potter 1820000 14100 7.9

7 Bareilly [BA2] Uttar Pradesh Proctor 500000 17100 10

8 Bhopal [BH9] Madhya Pradesh Proctor 1260000 6000 10

9 Chandigarh [CH9] Chandigarh Hwang 570000 14400 16.8

10 Chennai [CH7] Tamil Nadu Hwang 1860000 12100 13.6

11 Coimbatore [CO7] Tamil Nadu Hwang 860000 18800 11.3

12 Delhi [DE3] Delhi Hwang 2060000 11400 15.2

13 Dhanbad [DH5] Jharkhand Gill 940000 10200 6.7

14 Faridabad [FA4] Haryana Garner 1060000 15100 8.3

15 Ghaziabad [GH4] Uttar Pradesh Houston 1100000 10100 3.6

16 Guwahati [GU2] Assam Norris Thomas 570000 19000 10.8

17 Gwalior [GU2] Madhya Pradesh Dunlap 800000 20200 11.9

18 Howrah [HO7] West Bengal Pace 860000 14900 10.9

19 Hubballi-Dharwad [HU1] Karnataka F Tyson 520000 16000 9.8

20 Hyderabad [HU1] Telangana F Tyson 1790000 12000 13.7

21 Indore [HU1] Madhya Pradesh F Tyson 1290000 13300 10.3

22 Jabalpur [JA9] Madhya Pradesh F Tyson 800000 15300 11.6

23 Jaipur [JA6] Rajasthan F Tyson 1520000 8000 13.8

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

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-Using the joining date column extract the Year and number of days for that month.

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File Home Transform Add Column View Tools Help

Close & Apply New Source Recent Enter Data Data source settings Manage Parameters Refresh Preview Advanced Editor Choose Remove Keep Remove Split Group Data Type: Text Use First Row as Headers Append Queries Merge Queries Combine Files

Close New Query Data Sources Parameters Query Manage Columns Reduce Rows Sort Transform Combine

Queries

Table.TransformColumns("#Capitalized Each Word", {{"Joining Date", each Text.BeforeDelimiter(Text.From(_, "en-US"), "/", type text)}}

	CITY CODE	State	Employee Name	Salary LPA	Variable	Incentive	Appraisal Rate	Joining Date
1	AG1J	Uttar Pradesh	Potter	1080000	14800	8.3	7.2	11
2	AH5J	Gujarat	Potter	1770000	14200	9.3	9.6	8
3	AL2J	Uttar Pradesh	Potter	910000	13700	9.4	10.2	1
4	AM3J	Punjab	Potter	930000	14000	9.2	10.7	12
5	AU8J	Maharashtra	Potter	950000	16700	9.4	9.6	4
6	3A1J	Karnataka	Potter	1820000	14100	7.9	9.5	3
7	3A2J	Uttar Pradesh	Proctor	500000	17100	10	11.1	11
8	3H9J	Madhya Pradesh	Proctor	1260000	6000	10	10.3	4
9	2H9J	Chandigarh	Hwang	570000	14400	16.8	7.4	1
10	2H7J	Tamil Nadu	Hwang	1860000	12100	13.6	9.7	6
11	2D7J	Tamil Nadu	Hwang	860000	18800	11.3	8.2	10
12	2E3J	Delhi	Hwang	2060000	11400	15.2	8.3	4
13	2H5J	Jharkhand	Gill	940000	10200	6.7	8.9	5
14	2A4J	Haryana	Garner	1060000	15100	8.3	7.1	5
15	3H4J	Uttar Pradesh	Houston	1100000	10100	3.6	8.4	6
16	3U2J	Assam	Norris Thomas	570000	19000	10.8	9.2	7
17	3U2J	Madhya Pradesh	Dunlap	800000	20200	11.9	8.9	4
18	4D7J	West Bengal	Pace	860000	14900	10.9	10.3	3
19	4U1J	Karnataka	F Tyson	520000	16000	9.8	9.9	1
20	4U1J	Telangana	F Tyson	1790000	12000	13.7	9.2	2
21	4U1J	Madhya Pradesh	F Tyson	1290000	13300	10.3	8.7	3
22	4A9J	Madhya Pradesh	F Tyson	800000	15300	11.6	8.3	9
23	4A6J	Rajasthan	F Tyson	1520000	8000	13.8	10.9	9

9 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.



