

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.
 - Extract the first name from EMPLOYEE NAME column and transform the column.
 - Using the JOINING DATE column extract the Year and no. 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.

1. 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 area displays a table with 25 rows and 6 columns: City.1, City.2, State, Employee Name.1, Employee Name.2, and Employee ID. The 'APPLIED STEPS' pane on the right lists the following steps: Source, Navigation, Promoted Headers, Changed Type, Split Column by Delimiter, Changed Type1, Removed Errors, Replaced Value, Split Column by Delimiter1, Changed Type2, Duplicated Column, Extracted Day, Renamed Columns, Duplicated Column1, Extracted Month, Renamed Column1, Duplicated Column2, Extracted Year, and Renamed Column2.

	City.1	City.2
1	Agra	AG1
2	Ahmedabad	AH5
3	Allahabad	AL2
4	Amritsar	AM3
5	Aurangabad	AU8
6	Bangalore	BA1
7	Bareilly	BA2
8	Bhopal	BH9
9	Chandigarh	CH9
10	Chennai	CH7
11	Coimbatore	CO7
12	Delhi	DE3
13	Dhanbad	DH5
14	Faridabad	FA4
15	Ghaziabad	GH4
16	Guwahati	GU2
17	Gwalior	GW4
18	Howrah	HO7
19	Hubballi-Dharwad	HU1
20	Hyderabad	HY8
21	Indore	IN1
22	Jabalpur	JA9
23	Jaipur	JA6
24	Jodhpur	JO6
25		

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

Assignment3 - Power Query Editor

File Home Transform Add Column View Tools Help

Close & Apply New Source Recent Sources Enter Data Data source settings Manage Parameters Refresh Preview Advanced Editor Properties Choose Columns Remove Columns Keep Rows Remove Rows Split Column Group By Data Type: Date Use First Row as Headers Replace Values Merge Queries Append Queries Combine Files Combine

Queries [1] Employee Data

	1.2 Appraisal Rate	Joining Date	1 ² Day	1 ² Month	1 ² Year	
1	8.3	7.2	11/5/2016	5	11	2016
2	9.3	9.6	8/26/2016	26	8	2016
3	9.4	10.2	1/27/2017	27	1	2017
4	9.2	10.7	12/12/2015	12	12	2015
5	9.4	9.6	4/8/2015	8	4	2015
6	7.9	9.5	3/26/2016	26	3	2016
7	10	11.1	11/20/2015	20	11	2015
8	10	10.3	4/14/2017	14	4	2017
9	16.8	7.4	1/11/2016	11	1	2016
10	13.6	9.7	6/17/2016	17	6	2016
11	11.3	8.2	10/21/2015	21	10	2015
12	15.2	8.3	4/7/2015	7	4	2015
13	6.7	8.9	5/19/2015	19	5	2015
14	8.3	7.1	5/11/2016	11	5	2016
15	3.6	8.4	6/9/2016	9	6	2016
16	10.8	9.2	7/19/2016	19	7	2016
17	11.9	8.9	4/12/2015	12	4	2015
18	10.9	10.3	3/5/2017	5	3	2017
19	9.8	9.9	1/12/2017	12	1	2017
20	13.7	9.2	2/20/2015	20	2	2015
21	10.3	8.7	3/9/2017	9	3	2017
22	11.6	8.3	9/30/2016	30	9	2016
23	13.8	10	9/20/2016	20	9	2016
24	9.8	9.7	11/14/2016	14	11	2016
25						

Query Settings

PROPERTIES

Name: Employee Data

APPLIED STEPS

- Source
- Navigation
- Promoted Headers
- Changed Type
- Split Column by Delimiter
- Changed Type1
- Removed Errors
- Replaced Value
- Split Column by Delimiter1
- Changed Type2
- Duplicated Column
- Extracted Day
- Renamed Columns
- Duplicated Column1
- Extracted Month
- Renamed Columns1
- Duplicated Column2
- Extracted Year
- Renamed Columns2

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

PREVIEW DOWNLOADED AT 7:25 PM

7:51 PM 5/7/2020

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

The screenshot shows the Power Query Editor interface with a table containing 25 rows of data. The columns are City.1, City.2, State, Employee Name.1, Employee Name.2, and Employee Name.3. The 'Employee Name' column is selected, and the 'Extract First Name' step is visible in the Applied Steps pane. The table data is as follows:

	City.1	City.2	State	Employee Name.1	Employee Name.2	Employee Name.3
1	Agra	AG1	Uttar Pradesh	Bonnie	Potter	
2	Ahmedabad	AH5	Gujarat	Bonnie	Potter	
3	Allahabad	AL2	Uttar Pradesh	Bonnie	Potter	
4	Amritsar	AM3	Punjab	Bonnie	Potter	
5	Aurangabad	AU8	Maharashtra	Bonnie	Potter	
6	Bangalore	BA1	Karnataka	Bonnie	Potter	
7	Bareilly	BA2	Uttar Pradesh	Ronnie	Proctor	
8	Bhopal	BH9	Madhya Pradesh	Ronnie	Proctor	
9	Chandigarh	CH9	Chandigarh	Dwight	Hwang	
10	Chennai	CH7	Tamil Nadu	Dwight	Hwang	
11	Coimbatore	CO7	Tamil Nadu	Dwight	Hwang	
12	Delhi	DE3	Delhi	Dwight	Hwang	
13	Dhanbad	DH5	Jharkhand	Leon	Gill	
14	Faridabad	FA4	Haryana	Melanie	Garner	
15	Ghaziabad	GH4	Uttar Pradesh	Lorraine	Houston	
16	Guwahati	GU2	Assam	Meredith	Norris	Thomas
17	Gwalior	GW4	Madhya Pradesh	Marcus	Dunlap	
18	Howrah	HO7	West Bengal	Kara	Pace	
19	Hubballi-Dharwad	HU1	Karnataka	Gwendolyn	F	Tyson
20	Hyderabad	HY8	Telangana	Gwendolyn	F	Tyson
21	Indore	IN1	Madhya Pradesh	Gwendolyn	F	Tyson
22	Jabalpur	JA9	Madhya Pradesh	Gwendolyn	F	Tyson
23	Jaipur	JA6	Rajasthan	Gwendolyn	F	Tyson
24	Jodhpur	JO6	Rajasthan	Timothy	Reese	
25						

The Applied Steps pane on the right shows the following steps:

- Navigation
- Promoted Headers
- Changed Type
- Split Column by Delimiter
- Changed Type1
- Removed Errors
- Replaced Value
- Split Column by Delimiter1
- Changed Type2
- Duplicated Column
- Extracted Day
- Renamed Columns
- Duplicated Column1
- Extracted Month
- Renamed Columns1
- Duplicated Column2
- Extracted Year
- Renamed Columns2

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

