

Assignment 3

- Use the Employee Details dataset and perform the following activities

Q1) Split the column CITY and separate the code associate with each city like - Allahabad[AL2] should be only Allahabad and [A2] will be separate.

Power Query Editor - Employee Data

City	Code	State	Employee Name
Agra	[AG1]	Uttar Pradesh	Bonnie Potter
Ahmedabad	[AH5]	Gujarat	Bonnie Potter
Allahabad	[AL2]	Uttar Pradesh	Bonnie Potter
Amritsar	[AM3]	Punjab	Bonnie Potter
Aurangabad	[AU8]	Maharashtra	Bonnie Potter
Bangalore	[BA1]	Karnataka	Bonnie Potter
Bareilly	[BA2]	Uttar Pradesh	Ronnie Proctor
Bhopal	[BH9]	Madhya Pradesh	Ronnie Proctor
Chandigarh	[CH9]	Chandigarh	Dwight Hwang
Chennai	[CH7]	Tamil Nadu	Dwight Hwang
Coimbatore	[CO7]	Tamil Nadu	Dwight Hwang
Delhi	[DE3]	Delhi	Dwight Hwang
Dhanbad	[DH5]	Jharkhand	Leon Gill
Faridabad	[FA4]	Haryana	Melanie Garner
Ghaziabad	[GH4]	Uttar Pradesh	Lorraine Houston
Guwahati	[GU2]	Assam	Meredith Norris Thomas
Gwalior	[GW4]	Madhya Pradesh	Marcus Dunlap
Howrah	[HO7]	West Bengal	Kara Pace
Hubballi-Dharwad	[HU1]	Karnataka	Gwendolyn F Tyson
Hyderabad	[HY8]	Telangana	Gwendolyn F Tyson
Indore	[IN1]	Madhya Pradesh	Gwendolyn F Tyson
Jabalpur	[JA9]	Madhya Pradesh	Gwendolyn F Tyson

Q2) Extract the first name from EMPLOYEE NAME column and transform the column.

Power Query Editor - Employee Data

State	Employee Name	Salary LPA	Variable	Incent
Uttar Pradesh	Bonnie	1080000	14800	14800
Gujarat	Bonnie	1770000	14200	14200
Uttar Pradesh	Bonnie	910000	13700	13700
Punjab	Bonnie	930000	14000	14000
Maharashtra	Bonnie	950000	16700	16700
Karnataka	Bonnie	1820000	14100	14100
Uttar Pradesh	Ronnie	500000	17100	17100
Madhya Pradesh	Ronnie	1260000	6000	6000
Chandigarh	Dwight	570000	14400	14400
Tamil Nadu	Dwight	1860000	12100	12100
Tamil Nadu	Dwight	860000	18800	18800
Delhi	Dwight	2060000	11400	11400
Jharkhand	Leon	940000	10200	10200
Haryana	Melanie	1060000	15100	15100
Uttar Pradesh	Lorraine	1100000	10100	10100
Assam	Meredith	570000	19000	19000
Madhya Pradesh	Marcus	800000	20200	20200
West Bengal	Kara	860000	14900	14900
Karnataka	Gwendolyn	520000	16000	16000
Telangana	Gwendolyn	1790000	12000	12000
Madhya Pradesh	Gwendolyn	1290000	13300	13300
Madhya Pradesh	Gwendolyn	800000	15300	15300

Q3) Using the JOINING DATE column extract the Year and no. of days for that month .

The screenshot shows the Power Query Editor interface. The main table has the following data (rows 6-21):

	Salary LPA	Variable	Incentive	Appraisal Rate	Joining Date
6	1820000	14100	7.9	9.6	2016 31
7	500000	17100	10	11.1	2015 30
8	1260000	6000	10	10.0	2017 30
9	570000	14400	16.8	7.4	2016 31
10	1860000	12100	13.6	9.7	2016 30
11	860000	18800	11.3	8.2	2015 31
12	2060000	11400	15.2	8.3	2015 30
13	940000	10200	6.7	8.9	2015 31
14	1060000	15100	8.3	7.1	2016 31
15	1100000	10100	3.6	8.0	2016 30
16	570000	19000	10.8	9.2	2016 31
17	800000	20200	11.9	8.9	2015 30
18	860000	14900	10.9	10.0	2017 31
19	520000	16000	9.8	9.0	2017 31
20	1790000	12000	13.7	9.2	2015 28
21	1290000	13300	10.3	8.7	2017 31

The 'Joining Date' column is highlighted. The 'Applied Steps' pane on the right shows the following steps:

- Source
- Navigation
- Promoted Headers
- Changed Type
- Replaced Value
- Split Column by Delimiter
- Changed Type1
- Renamed Columns
- Extracted Text Before Delimiter
- Duplicated Column
- Calculated Days in Month
- Extracted Year
- Merged Columns
- Renamed Columns1

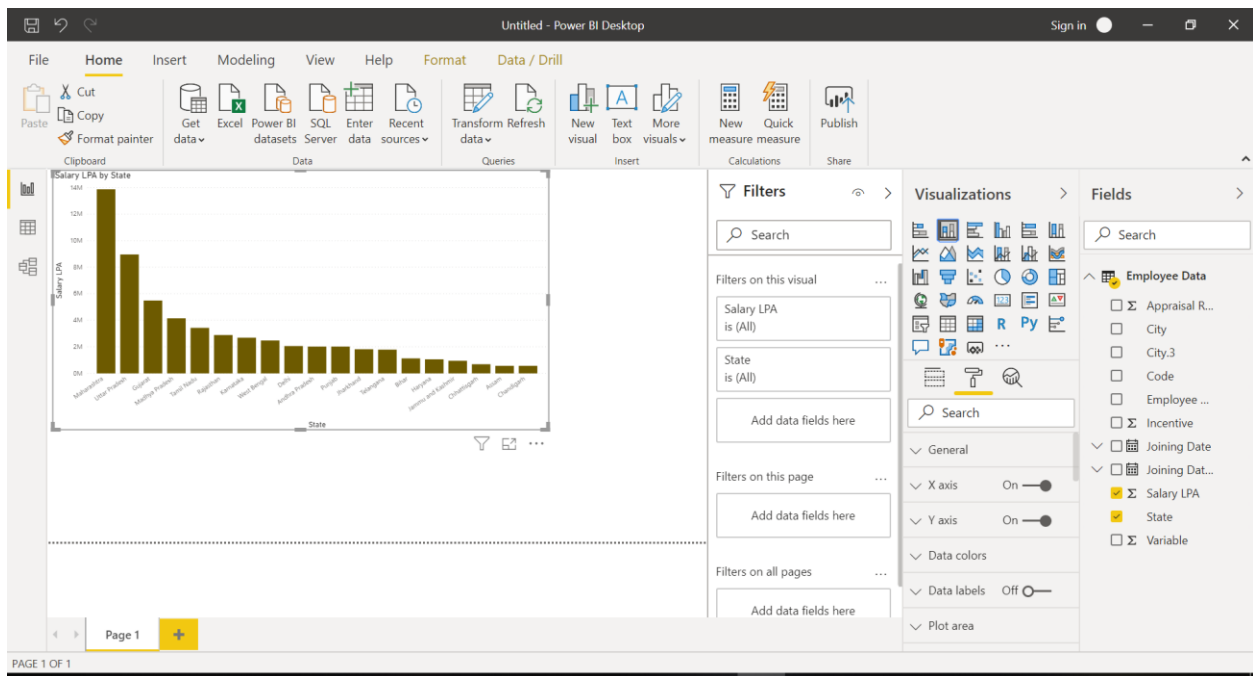
The screenshot shows the Power Query Editor interface. The main table has the following data (rows 1-22):

	Variable	Incentive	Appraisal Rate	Joining Date	Joining Date - Copy
1	14800	8.3	7.2	2016	30
2	14200	9.3	9.6	2016	31
3	13700	9.4	10.2	2017	31
4	14000	9.2	10.7	2015	31
5	16700	9.4	9.6	2015	30
6	14100	7.9	9.5	2016	31
7	17100	10	11.1	2015	30
8	6000	10	10.3	2017	30
9	14400	16.8	7.4	2016	31
10	12100	13.6	9.7	2016	30
11	18800	11.3	8.2	2015	31
12	11400	15.2	8.3	2015	30
13	10200	6.7	8.9	2015	31
14	15100	8.3	7.1	2016	31
15	10100	3.6	8.4	2016	30
16	19000	10.8	9.2	2016	31
17	20200	11.9	8.9	2015	30
18	14900	10.9	10.0	2017	31
19	16000	9.8	9.0	2017	31
20	12000	13.7	9.2	2015	28
21	13300	10.3	8.7	2017	31
22	15300	11.6	8.3	2016	30

The 'Joining Date' column is highlighted. The 'Applied Steps' pane on the right shows the following steps:

- Source
- Navigation
- Promoted Headers
- Changed Type
- Replaced Value
- Split Column by Delimiter
- Changed Type1
- Renamed Columns
- Extracted Text Before Delimiter
- Duplicated Column
- Calculated Days in Month
- Extracted Year

Q4) – Create a visual of your choice and show the how much salary has been paid to each state and which state has lowest payout



Assam and Chandigarh has lowest payout