

# 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.

	A <sub>C</sub> City.1	A <sub>C</sub> City.2	A <sub>C</sub> State	A <sub>C</sub> Employee Name	12 <sub>3</sub> Salary LPA	12 <sub>3</sub> Variable
1	Agra	[AG1]	Uttar Pradesh	Bonnie Potter	1080000	
2	Ahmedabad	[AH5]	Gujarat	Bonnie Potter	1770000	
3	Allahabad	[AL2]	Uttar Pradesh	Bonnie Potter	910000	
4	Amritsar	[AM3]	Punjab	Bonnie Potter	930000	
5	Aurangabad	[AU8]	Maharashtra	Bonnie Potter	950000	
6	Bangalore	[BA1]	Karnataka	Bonnie Potter	1820000	
7	Bareilly	[BA2]	Uttar Pradesh	Ronnie Proctor	500000	
8	Bhopal	[BH9]	Madhya Pradesh	Ronnie Proctor	1260000	
9	Chandigarh	[CH9]	Chandigarh	Dwight Hwang	570000	
10	Chennai	[CH7]	Tamil Nadu	Dwight Hwang	1860000	
11	Coimbatore	[CO7]	Tamil Nadu	Dwight Hwang	860000	
12	Delhi	[DE3]	Delhi	Dwight Hwang	2060000	
13	Dhanbad	[DH5]	Jharkhand	Leon Gill	940000	
14	Faridabad	[FA4]	Haryana	Melanie Garner	1060000	
15	Ghaziabad	[GH4]	Uttar Pradesh	Lorraine Houston	1100000	
16	Guwahati	[GU2]	Assam	Meredith Norris Thomas	570000	
17	Gwalior	[GW4]	Madhya Pradesh	Marcus Dunlap	800000	
18	Howrah	[HO7]	West Bengal	Kara Pace	860000	
19	Hubballi-Dharwad	[HU1]	Karnataka	Gwendolyn F Tyson	520000	
20	Hyderabad	[HY8]	Telangana	Gwendolyn F Tyson	1790000	
21	Indore	[IN1]	Madhya Pradesh	Gwendolyn F Tyson	1290000	
22	Jabalpur	[JA9]	Madhya Pradesh	Gwendolyn F Tyson	800000	
23	Jaipur	[JA6]	Rajasthan	Gwendolyn F Tyson	1520000	

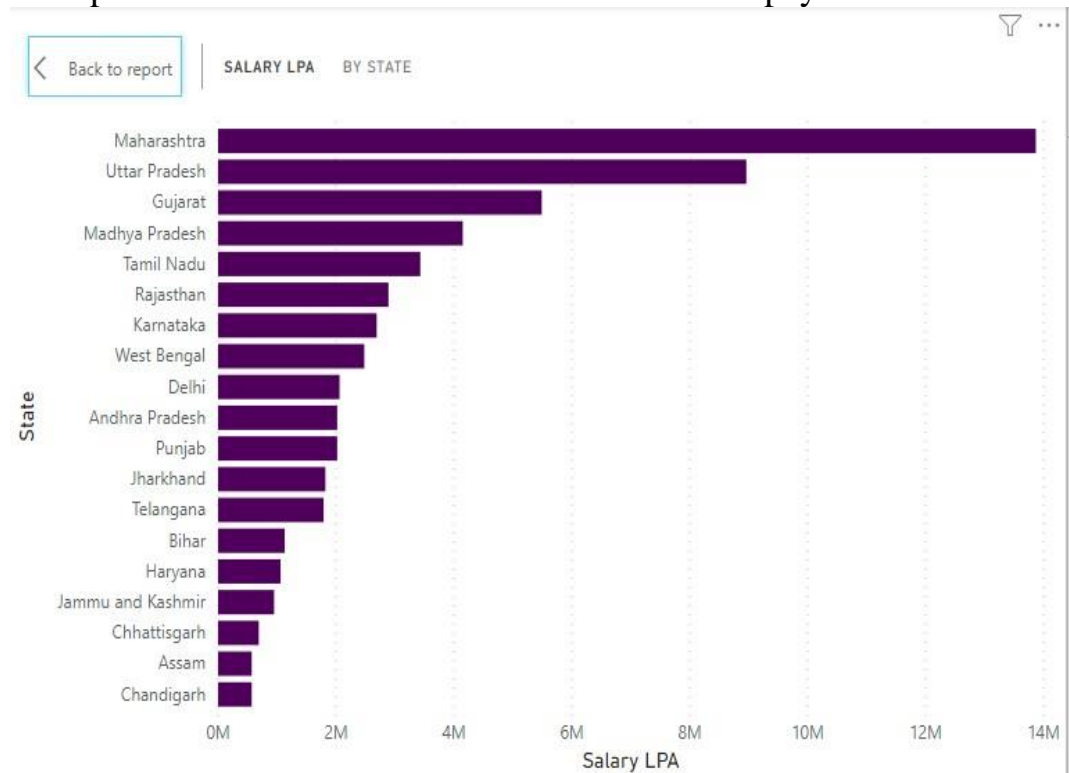
- ✓ Extract the first name from EMPLOYEE NAME column and transform the column.

A <sub>C</sub> Employee Name
Bonnie
Bonnie
Bonnie
Bonnie
Bonnie
Bonnie
Ronnie
Ronnie
Dwight
Dwight
Dwight
Dwight
Leon
Melanie
Lorraine
Meredith
Marcus
Kara
Gwendolyn
Gwendolyn
Gwendolyn
Gwendolyn
Gwendolyn

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

	Joining Date	1 <sup>2</sup> 3 Year	1 <sup>2</sup> 3 no of days in month
2	11/5/2016	2016	30
5	8/26/2016	2016	31
2	1/27/2017	2017	31
7	12/12/2015	2015	31
5	4/8/2015	2015	30
5	3/26/2016	2016	31
1	11/20/2015	2015	30
3	4/14/2017	2017	30
4	1/11/2016	2016	31
7	6/17/2016	2016	30
2	10/21/2015	2015	31
3	4/7/2015	2015	30
9	5/19/2015	2015	31
1	5/11/2016	2016	31
4	6/9/2016	2016	30
2	7/19/2016	2016	31
9	4/12/2015	2015	30
3	3/5/2017	2017	31
9	1/12/2017	2017	31
2	2/20/2015	2015	28
7	3/9/2017	2017	31
3	9/30/2016	2016	30
3	9/20/2016	2016	30

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



The state name of lowest payout: **Assam and Chandigarh**