

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 ^B _C City.1	A ^B _C City.2	A ^B _C State	A ^B _C Employee Name	1 ² ₃ Salary LPA	1 ² ₃ Variabl
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	

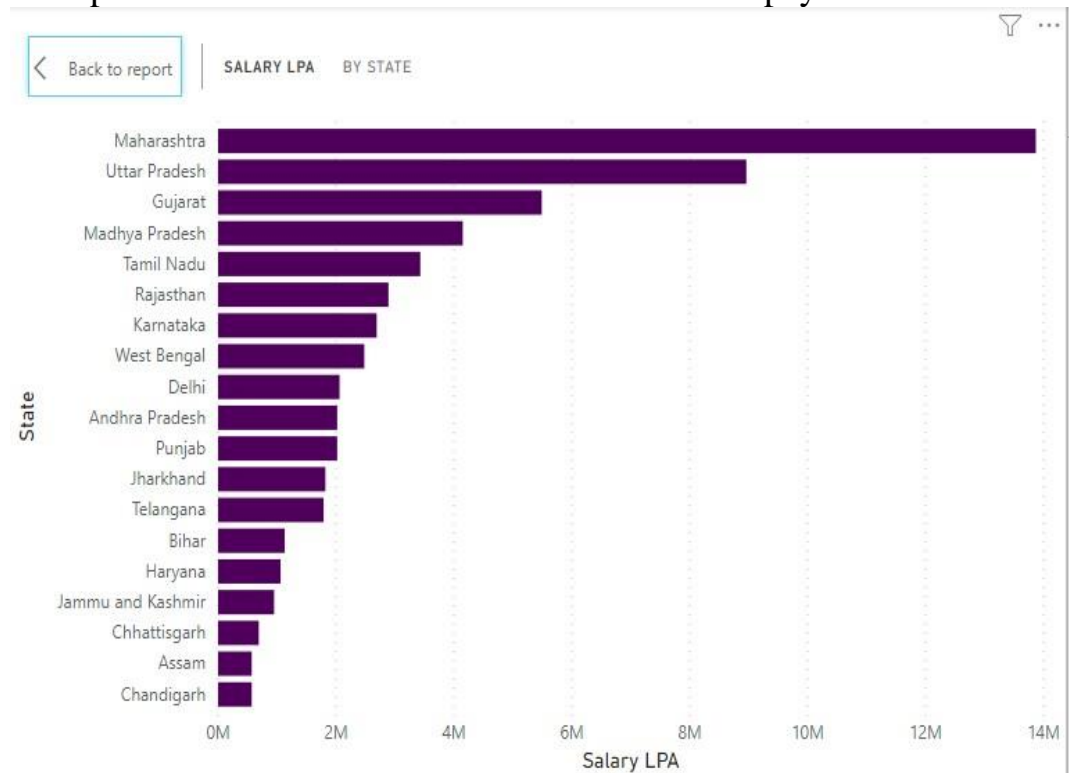
- ✓ Extract the first name from EMPLOYEE NAME column and transform the column.

A ^B _C Employee Name
Bonnie
Bonnie
Bonnie
Bonnie
Bonnie
Bonnie
Ronnie
Ronnie
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 ² ₃ Year	1 ² 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**