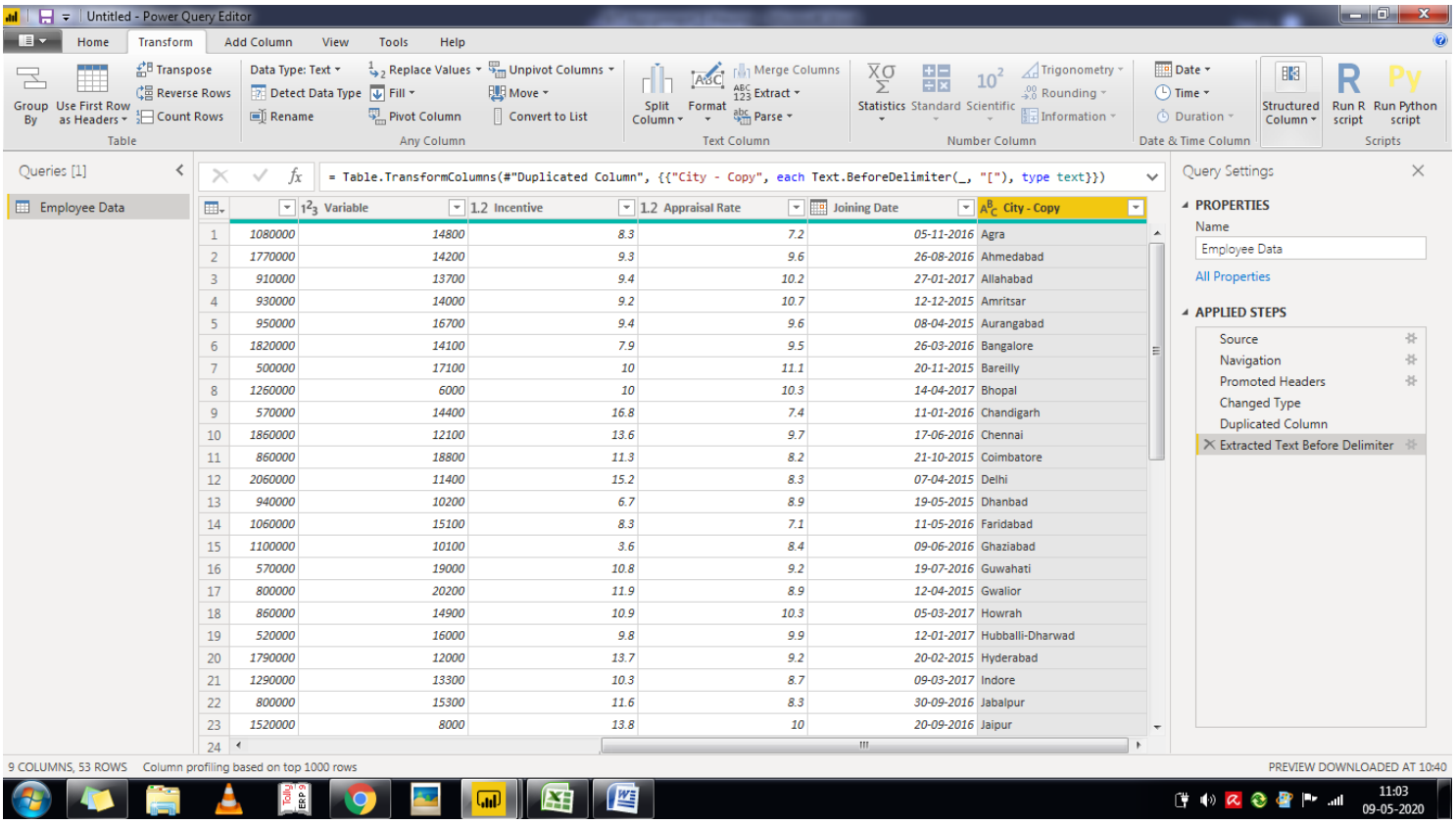
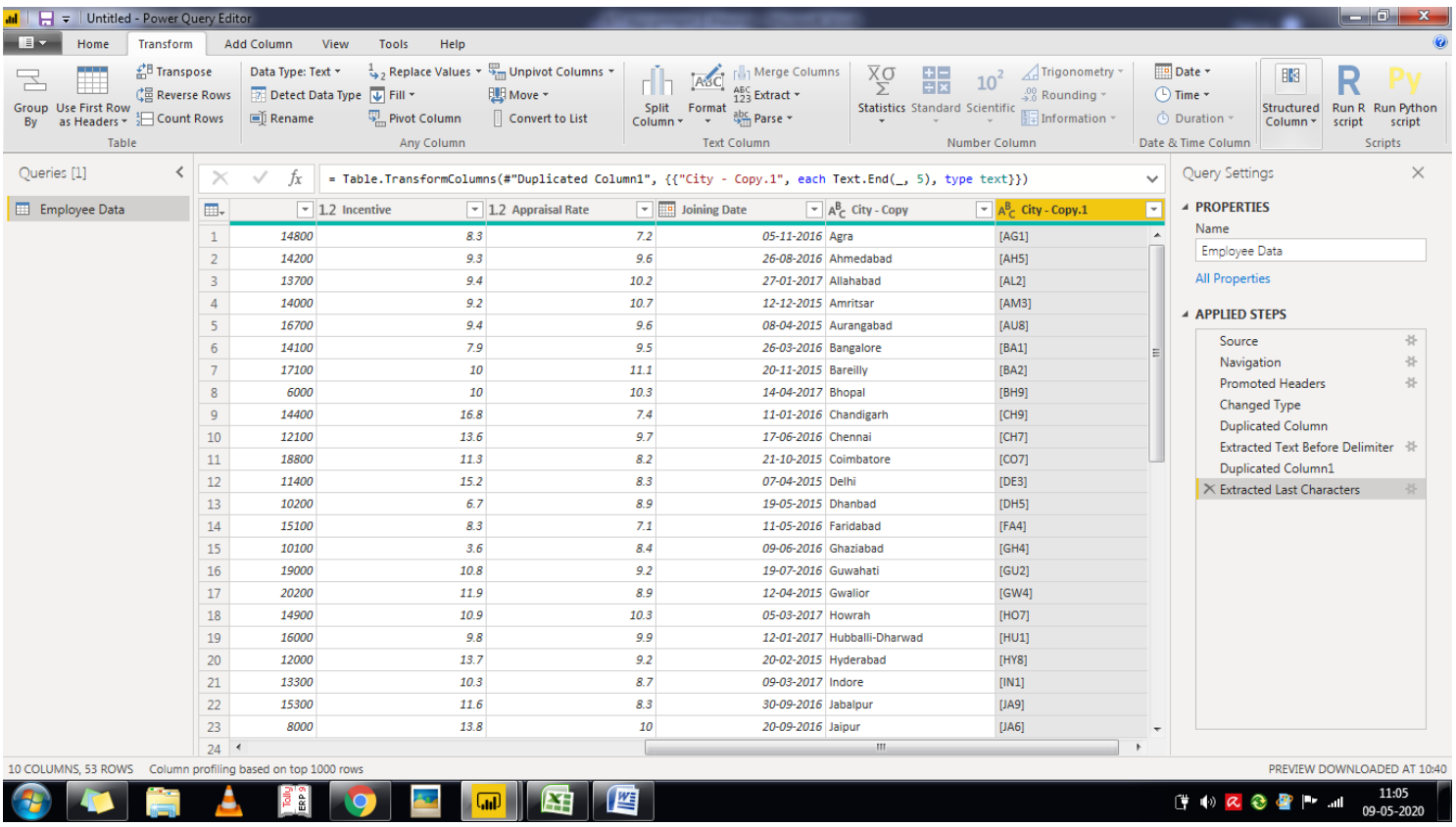
BIT – Assignment 3 – iNeuron

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.

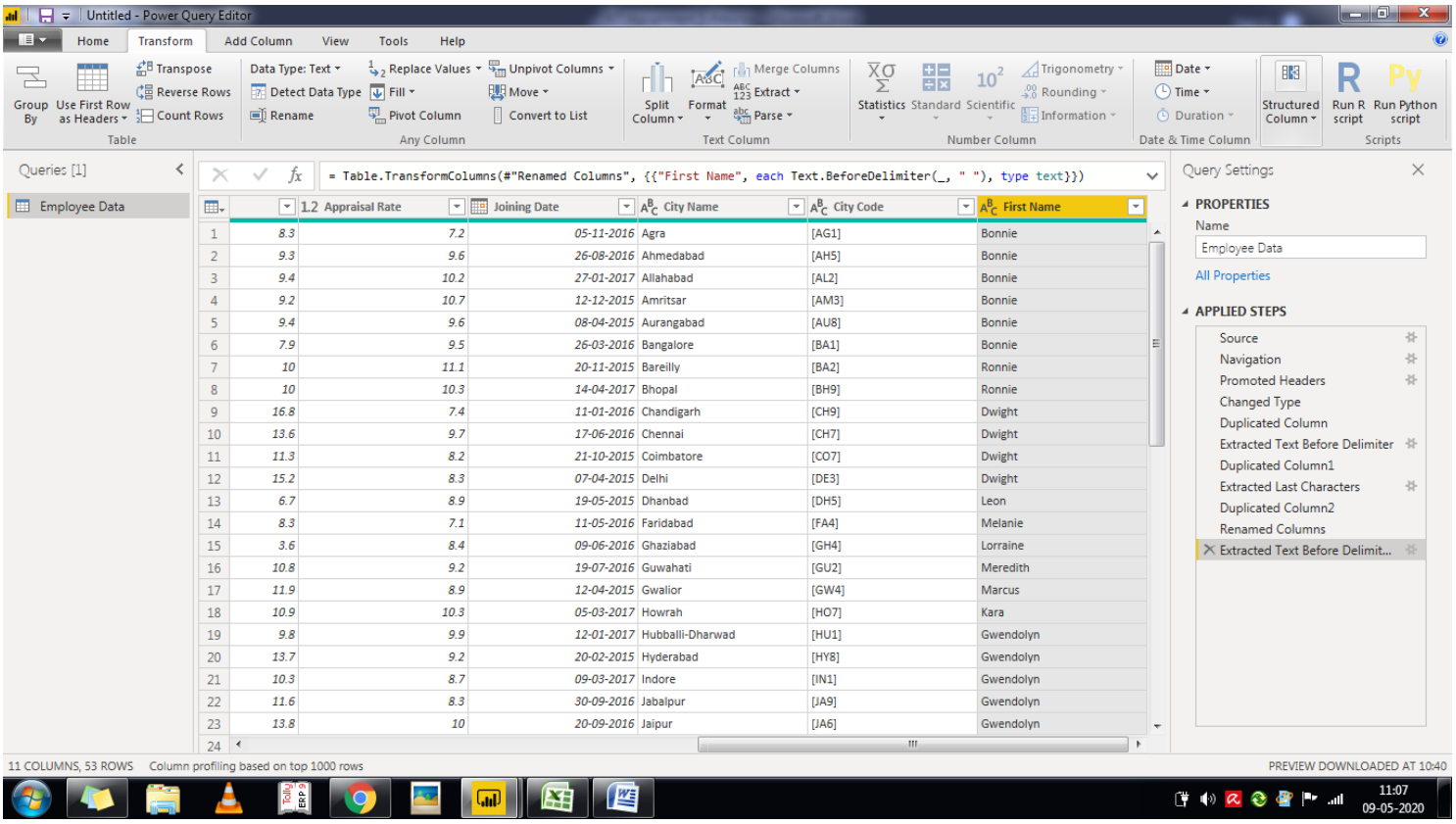


	Variable	Incentive	Appraisal Rate	Joining Date	City - Copy
1	1080000	14800	8.3	7.2	05-11-2016	Agra
2	1770000	14200	9.3	9.6	26-08-2016	Ahmedabad
3	910000	13700	9.4	10.2	27-01-2017	Allahabad
4	930000	14000	9.2	10.7	12-12-2015	Amritsar
5	950000	16700	9.4	9.6	08-04-2015	Aurangabad
6	1820000	14100	7.9	9.5	26-03-2016	Bangalore
7	500000	17100	10	11.1	20-11-2015	Bareilly
8	1260000	6000	10	10.3	14-04-2017	Bhopal
9	570000	14400	16.8	7.4	11-01-2016	Chandigarh
10	1860000	12100	13.6	9.7	17-06-2016	Chennai
11	860000	18800	11.3	8.2	21-10-2015	Coimbatore
12	2060000	11400	15.2	8.3	07-04-2015	Delhi
13	940000	10200	6.7	8.9	19-05-2015	Dhanbad
14	1060000	15100	8.3	7.1	11-05-2016	Faridabad
15	1100000	10100	3.6	8.4	09-06-2016	Ghaziabad
16	570000	19000	10.8	9.2	19-07-2016	Guwahati
17	800000	20200	11.9	8.9	12-04-2015	Gwalior
18	860000	14900	10.9	10.3	05-03-2017	Howrah
19	520000	16000	9.8	9.9	12-01-2017	Hubballi-Dharwad
20	1790000	12000	13.7	9.2	20-02-2015	Hyderabad
21	1290000	13300	10.3	8.7	09-03-2017	Indore
22	800000	15300	11.6	8.3	30-09-2016	Jabalpur
23	1520000	8000	13.8	10	20-09-2016	Jaipur



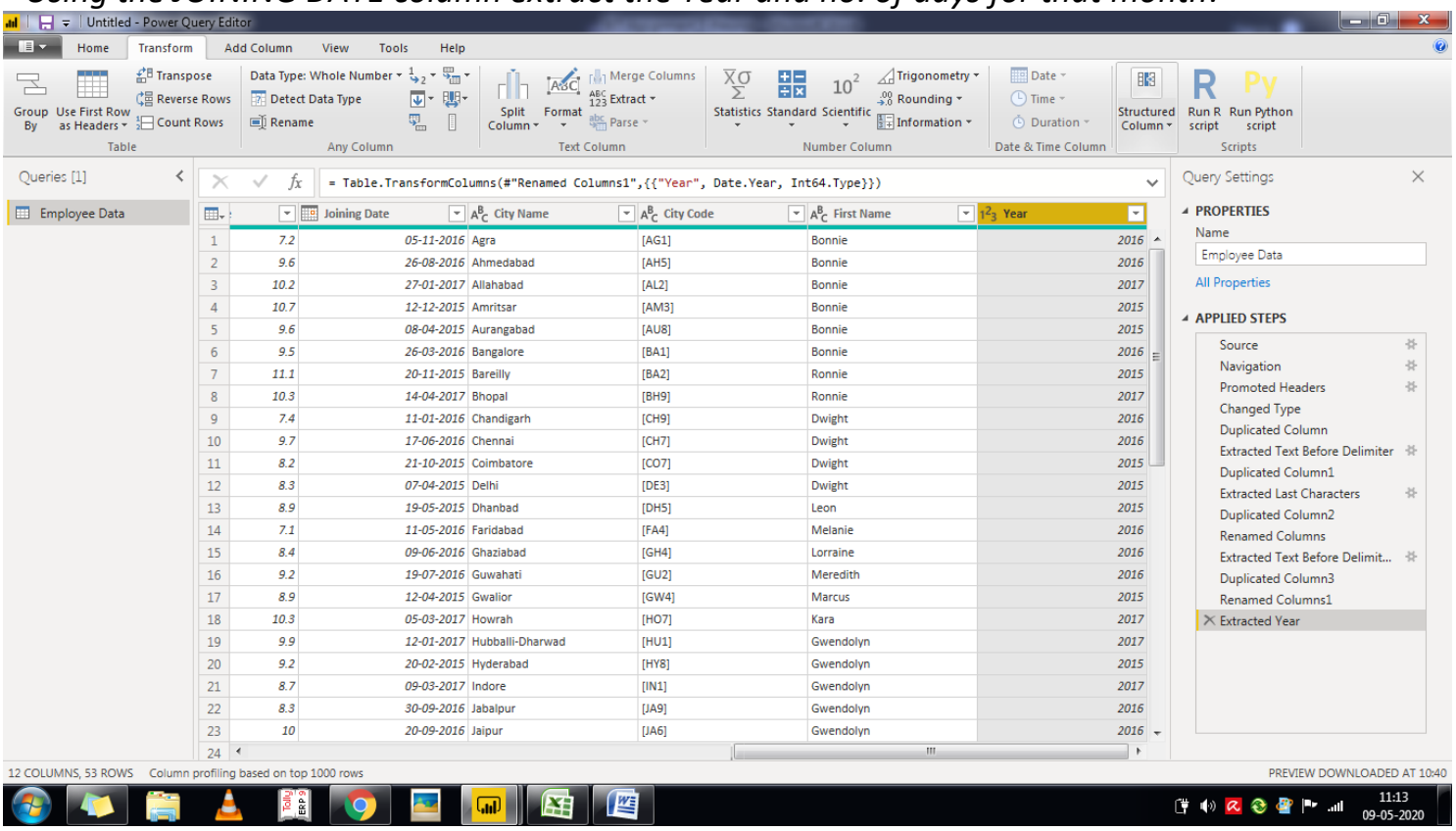
	Incentive	Appraisal Rate	Joining Date	City - Copy	City - Copy.1
1	14800	8.3	7.2	05-11-2016	Agra	[AG1]
2	14200	9.3	9.6	26-08-2016	Ahmedabad	[AH5]
3	13700	9.4	10.2	27-01-2017	Allahabad	[AL2]
4	14000	9.2	10.7	12-12-2015	Amritsar	[AM3]
5	16700	9.4	9.6	08-04-2015	Aurangabad	[AU8]
6	14100	7.9	9.5	26-03-2016	Bangalore	[BA1]
7	17100	10	11.1	20-11-2015	Bareilly	[BA2]
8	6000	10	10.3	14-04-2017	Bhopal	[BH9]
9	14400	16.8	7.4	11-01-2016	Chandigarh	[CH9]
10	12100	13.6	9.7	17-06-2016	Chennai	[CH7]
11	18800	11.3	8.2	21-10-2015	Coimbatore	[CO7]
12	11400	15.2	8.3	07-04-2015	Delhi	[DE3]
13	10200	6.7	8.9	19-05-2015	Dhanbad	[DH5]
14	15100	8.3	7.1	11-05-2016	Faridabad	[FA4]
15	10100	3.6	8.4	09-06-2016	Ghaziabad	[GH4]
16	19000	10.8	9.2	19-07-2016	Guwahati	[GU2]
17	20200	11.9	8.9	12-04-2015	Gwalior	[GW4]
18	14900	10.9	10.3	05-03-2017	Howrah	[HO7]
19	16000	9.8	9.9	12-01-2017	Hubballi-Dharwad	[HU1]
20	12000	13.7	9.2	20-02-2015	Hyderabad	[HY8]
21	13300	10.3	8.7	09-03-2017	Indore	[IN1]
22	15300	11.6	8.3	30-09-2016	Jabalpur	[JA9]
23	8000	13.8	10	20-09-2016	Jaipur	[JA6]

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

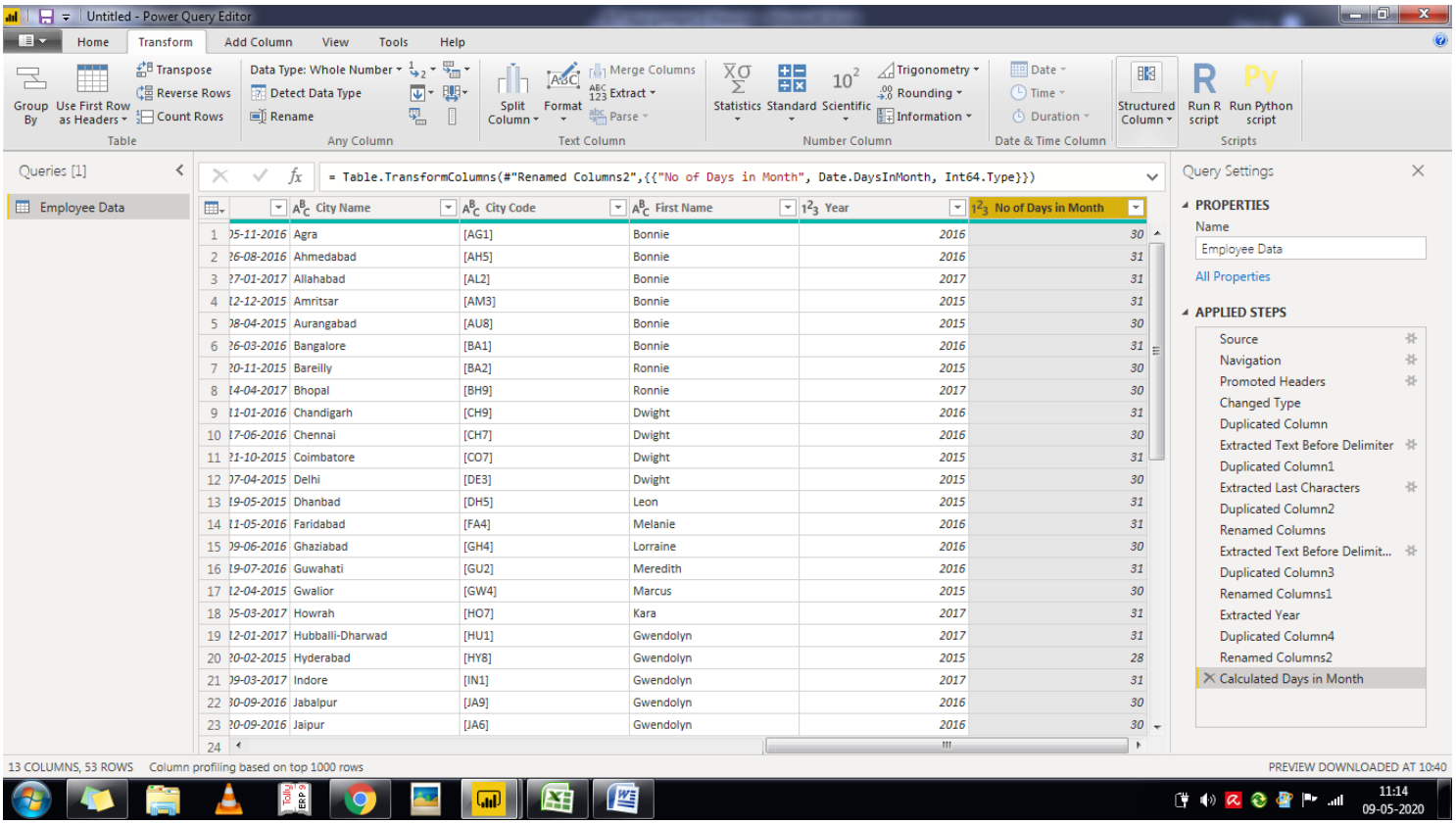


	Appraisal Rate	Joining Date	City Name	City Code	First Name
1	8.3	7.2	05-11-2016	Agra	[AG1]	Bonnie
2	9.3	9.6	26-08-2016	Ahmedabad	[AH5]	Bonnie
3	9.4	10.2	27-01-2017	Allahabad	[AL2]	Bonnie
4	9.2	10.7	12-12-2015	Amritsar	[AM3]	Bonnie
5	9.4	9.6	08-04-2015	Aurangabad	[AU8]	Bonnie
6	7.9	9.5	26-03-2016	Bangalore	[BA1]	Bonnie
7	10	11.1	20-11-2015	Bareilly	[BA2]	Ronnie
8	10	10.3	14-04-2017	Bhopal	[BH9]	Ronnie
9	16.8	7.4	11-01-2016	Chandigarh	[CH9]	Dwight
10	13.6	9.7	17-06-2016	Chennai	[CH7]	Dwight
11	11.3	8.2	21-10-2015	Coimbatore	[CO7]	Dwight
12	15.2	8.3	07-04-2015	Delhi	[DE3]	Dwight
13	6.7	8.9	19-05-2015	Dhanbad	[DH5]	Leon
14	8.3	7.1	11-05-2016	Faridabad	[FA4]	Melanie
15	3.6	8.4	09-06-2016	Ghaziabad	[GH4]	Lorraine
16	10.8	9.2	19-07-2016	Guwahati	[GU2]	Meredith
17	11.9	8.9	12-04-2015	Gwalior	[GW4]	Marcus
18	10.9	10.3	05-03-2017	Howrah	[HO7]	Kara
19	9.8	9.9	12-01-2017	Hubballi-Dharwad	[HU1]	Gwendolyn
20	13.7	9.2	20-02-2015	Hyderabad	[HY8]	Gwendolyn
21	10.3	8.7	09-03-2017	Indore	[IN1]	Gwendolyn
22	11.6	8.3	30-09-2016	Jabalpur	[JA9]	Gwendolyn
23	13.8	10	20-09-2016	Jaipur	[JA6]	Gwendolyn

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



	Joining Date	City Name	City Code	First Name	Year
1	7.2	05-11-2016	Agra	[AG1]	Bonnie	2016
2	9.6	26-08-2016	Ahmedabad	[AH5]	Bonnie	2016
3	10.2	27-01-2017	Allahabad	[AL2]	Bonnie	2017
4	10.7	12-12-2015	Amritsar	[AM3]	Bonnie	2015
5	9.6	08-04-2015	Aurangabad	[AU8]	Bonnie	2015
6	9.5	26-03-2016	Bangalore	[BA1]	Bonnie	2016
7	11.1	20-11-2015	Bareilly	[BA2]	Ronnie	2015
8	10.3	14-04-2017	Bhopal	[BH9]	Ronnie	2017
9	7.4	11-01-2016	Chandigarh	[CH9]	Dwight	2016
10	9.7	17-06-2016	Chennai	[CH7]	Dwight	2016
11	8.2	21-10-2015	Coimbatore	[CO7]	Dwight	2015
12	8.3	07-04-2015	Delhi	[DE3]	Dwight	2015
13	8.9	19-05-2015	Dhanbad	[DH5]	Leon	2015
14	7.1	11-05-2016	Faridabad	[FA4]	Melanie	2016
15	8.4	09-06-2016	Ghaziabad	[GH4]	Lorraine	2016
16	9.2	19-07-2016	Guwahati	[GU2]	Meredith	2016
17	8.9	12-04-2015	Gwalior	[GW4]	Marcus	2015
18	10.3	05-03-2017	Howrah	[HO7]	Kara	2017
19	9.9	12-01-2017	Hubballi-Dharwad	[HU1]	Gwendolyn	2017
20	9.2	20-02-2015	Hyderabad	[HY8]	Gwendolyn	2015
21	8.7	09-03-2017	Indore	[IN1]	Gwendolyn	2017
22	8.3	30-09-2016	Jabalpur	[JA9]	Gwendolyn	2016
23	10	20-09-2016	Jaipur	[JA6]	Gwendolyn	2016



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