CHS Unit-3 Task(Power Bi)

AMAN GUPTA(2021UCS1602) GARIMA(2021UCS1605) TARUN MITTAL(2021UCS1608)

INDEX

S.No	Questions
1.	Explore Power View, Power Query Create a table Employee(empid, gender, department, salary, country, year_of_joining) connect to the Employee data file. Remove missing gender and department values. Extract year_of_joining column and visualize number of employees w.r.t year of experience in the company. Perform self-join using Power Query. Aggregate salary with gender and Visualize using Pie chart.
2.	Visualize the result of any Machine Learning algorithm on any dataset of your choice in PowerBI.

Q1) Explore Power View, Power Query

Create a table Employee(empid, gender, department, salary, country, year_of_joining) connect to the Employee data file.

Remove missing gender and department values.

Extract year_of_joining column and visualize number of employees w.r.t year of experience in the company.

Perform self-join using Power Query.

Aggregate salary with gender and Visualize using Pie chart.

Ans.
Create a table Employee(empid, gender, department, salary, country, year_of_joining) connect to Employee data file.

	\times \checkmark					
_	empid 🔻	gender 💌	department 💌	salary 🔻	country 💌	year_of_joining 🔻
⊞	1001			50000	USA	2015
铝	1002	Female	HR	60000	Canada	2018
ᄱ	1003	Male	IT	70000	UK	2016
	1004			80000	USA	2017
	1005	Male	Marketing	55000	Australia	2019
	1006	Female	Sales	52000	Canada	2017
	1007	Male	IT	72000	USA	2018
	1008	Female	HR	65000	UK	2016
	1009	Male	Finance	75000	Australia	2015
	1010	Female	Marketing	58000	USA	2019
	1011			51000	Canada	2017
	1012	Female	HR	62000	UK	2018
	1013	Male	IT	73000	Australia	2016
	1014	Female	Finance	82000	USA	2017
	1015	Male	Marketing	56000	Canada	2015
	1016			53000	UK	2019
	1017	Male	IT	74000	USA	2018
	1018	Female	HR	67000	Australia	2016
	1019	Male	Finance	78000	Canada	2015
	1020			59000	UK	2019
	1021	Male	Sales	52000	Australia	2017
	1022	Female	HR	63000	USA	2018
	1023	Male	IT	75000	Canada	2016
	1024	Female	Finance	83000	UK	2017
	1025	Male	Marketing	57000	Australia	2019
	1026	Female	Sales	54000	USA	2017
	1027	Male	IT	76000	UK	2018
	1028	Female	HR	68000	Australia	2016
	1029	Male	Finance	79000	USA	2015
	1030	Female	Marketing	60000	Canada	2019

Remove missing gender and department values.

Steps:

- In the "Query Editor" window, select the "Employee" table.
- Click on the "Remove Rows" dropdown in the "Home" tab.
- Select "Remove Blank Rows" and choose the columns "gender" and "department".

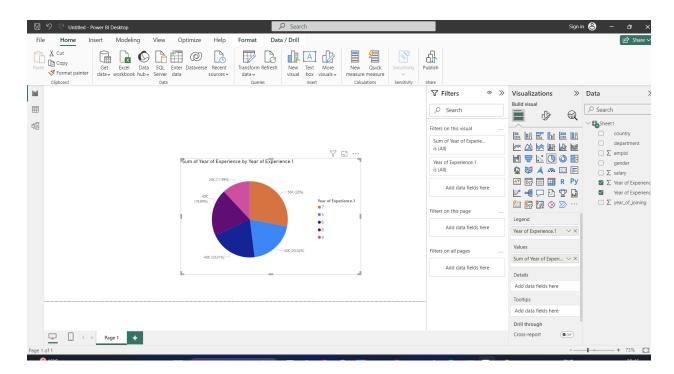
	1					I
000	\times \checkmark					
l	empid 🔻	gender 🕶	department 🔻	salary 🔻	country 🔻	year_of_joining
	1100	Female	Marketing	67000	USA	2019
-58	1099	Male	Finance	86000	Australia	2015
锠	1098	Female	HR	75000	Canada	2016
	1097	Male	IT	85000	USA	2018
	1096	Female	Sales	61000	UK	2017
	1095	Male	Marketing	64000	Australia	2019
	1094	Female	Finance	90000	UK	2017
	1093	Male	IT	85000	Canada	2016
	1092	Female	HR	70000	USA	2018
	1091	Male	Sales	59000	Australia	2017
	1090	Female	Marketing	66000	UK	2019
	1089	Male	Finance	85000	Australia	2015
	1088	Female	HR	74000	Canada	2016
	1087	Male	IT	84000	UK	2018
	1086	Female	Sales	60000	USA	2017
	1085	Male	Marketing	63000	Australia	2019
	1084	Female	Finance	89000	UK	2017
	1083	Male	IT	84000	Canada	2016
	1082	Female	HR	69000	Australia	2018
	1081	Male	Sales	58000	UK	2017
	1080	Female	Marketing	65000	Canada	2019
	1079	Male	Finance	84000	USA	2015
	1078	Female	HR	73000	Australia	2016
	1077	Male	IT	83000	Canada	2018
	1076	Female	Sales	59000	UK	2017
	1075	Male	Marketing	62000	USA	2019
	1074	Female	Finance	88000	Australia	2017
	1073	Male	IT	83000	UK	2016
	1072	Female	HR	68000	Canada	2018
	1071	Male	Sales	57000	USA	2017

Extract year_of_joining column and visualize number of employees w.r.t year of experience in the company.

Steps:

Extract Year of Joining Column:

- Go to the "Transform Data" view by clicking on the "Transform Data" button in the Home tab.
- Select the "year_of_joining" column.
- Right-click on the column header and choose "Duplicate Column".
- Rename the duplicated column to "Year of Experience".
- Calculate the years of experience by subtracting the "year_of_joining" from the current year.
- You can do this by adding a new column with the formula: 'Date.Year(DateTime.LocalNow()) [year_of_joining]'.
- Close and apply the changes.



Perform self-join using Power Query.

Steps:

Connect to Data Source: Connect Power BI to your data source containing the table you want to perform the self-join on.

Open Power Query Editor:

- In Power BI Desktop, go to the "Home" tab.
- Click on "Transform Data" to open the Power Query Editor.

Duplicate the Table:

• In the Power Query Editor, right-click on the table you want to perform the self-join on in the Queries pane (usually on the left side).

Select "Duplicate" to create a copy of the table.

Rename Duplicate Table:

- Right-click on the duplicated table.
- Select "Rename" and give it a meaningful name to distinguish it from the original table.

Merge Tables:

- In the duplicated table, click on the column header that you want to use as the key for the self-join.
- Go to the "Home" tab.
- Click on "Merge Queries" in the "Combine" group.
- Select the original table from the dropdown menu.
- Choose the matching column from both tables.
- Specify the type of join you want to perform (e.g., inner join, left outer join, etc.).
- Click "OK".

Expand the Merged Table:

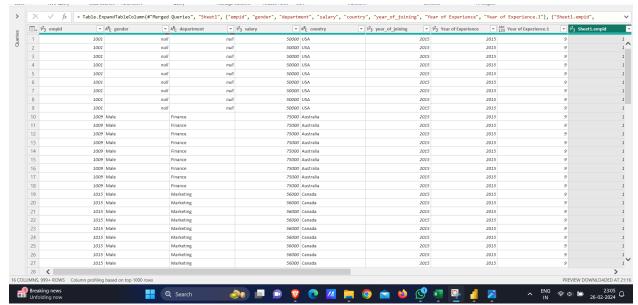
- After merging, a new column will be added containing the original table.
- Click on the expand icon in the column header of the merged table.
- Choose which columns you want to expand from the original table.
- Click "OK".

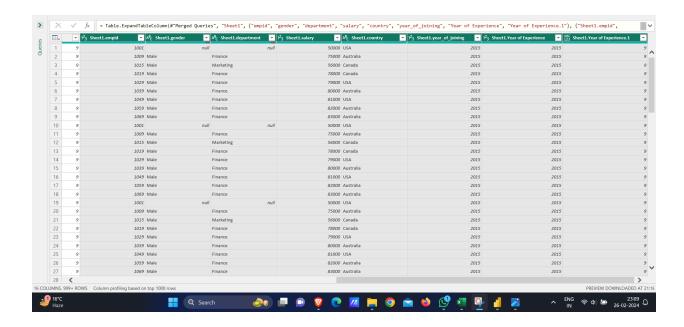
Clean Up:

- Rename columns if necessary to distinguish between columns from the original table and the merged table.
- Remove any unnecessary columns.

Close and Apply Changes:

 Once you're done, click "Close & Apply" to apply the changes and close the Power Query Editor.





Aggregate salary with gender and Visualize using Pie chart.

Steps

Connect to Data Source: Connect Power BI to your data source containing the Employee table.

- Open Power Query Editor:
- In Power BI Desktop, go to the "Home" tab.
- Click on "Transform Data" to open the Power Query Editor.
- Group and Aggregate Data:
- In the Power Query Editor, select the Employee table.
- Go to the "Home" tab.
- Click on "Group By" in the "Transform" group.

In the Group By window:

- Group By: Select the 'gender' column.
- New column name: Provide a name for the new column, e.g., TotalSalary.
- Operation: Choose "Sum" for the Operation and select the 'salary' column.
- Click "OK" to apply the grouping and aggregation.

Close and Apply Changes:

 Once you're done, click "Close & Apply" to apply the changes and close the Power Query Editor.

Create Pie Chart:

- In the Power BI report view, click on the "Insert" tab.
- Choose "Pie Chart" from the Visualization section.

Configure Pie Chart:

- Drag the 'gender' column from the Fields pane into the Legend field of the Pie chart visualization.
- Drag the 'TotalSalary' column (or whatever you named it) into the Values field of the Pie chart.

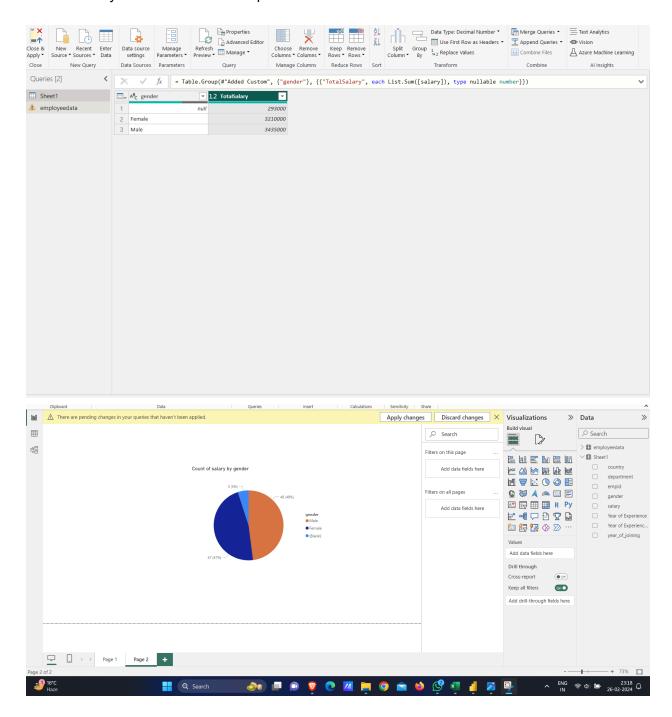
 Power BI will automatically sum the salary based on gender and display it in the Pie chart.

Customize Pie Chart (Optional):

• You can customize the colors, labels, and other properties of the Pie chart as per your preference using the formatting options available in the Visualizations pane.

Save and Publish:

• Save your Power BI file and publish it to Power BI service if needed.



Q1) Visualize the result of any Machine Learning algorithm on any dataset of your choice in PowerBI.

Machine Learning Algorithm used: Linear Regression

Dataset:

1 R&D Sp. Administ Marketin State Profit 2 165349 136898 471784 New Yor 192262 3 162598 151378 443899 Californi. 191792 4 153442 101146 407935 Florida 191050 5 1443772 118672 383200 New Yor 182902 6 142107 91392 366188 Florida 7 131877 99815 362861 New Yor 156991 8 134615 147199 127717 Californi. 156123 9 130298 145530 323877 Florida 1510298 145530 323877 Florida 152543 148719 311613 New Yor 152212 10 120543 148719 311613 New Yor 152212 11 123335 108679 304982 Californi. 149760 12 101913 110594 229161 Florida 146122 13 100672 91791 249745 Californi. 144259 14 93864 127320 249839 Florida 141586 15 91992 135495 252665 Californi. 134307 16 119943 156547 256513 Florida 132603 17 114524 122617 261776 New Yor 129917 18 78013 121598 264346 Californi. 126993 19 94657 145078 282574 New Yor 125370 20 91749 14176 294920 Florida 124267 21 86420 153514		Α	В	С	D	E	F
2 165349 136898 471784 New Yor 192262 3 162598 151378 443899 Californi. 191792 4 153442 101146 407935 Florida 191050 5 144372 118672 383200 New Yor 182902 6 142107 91392 366168 Florida 166188 7 131877 93815 362861 New Yor 156991 8 134615 147199 127717 Californi. 156123 9 130298 145530 323877 Florida 155753 10 120543 148719 311613 New Yor 152212 11 123335 108679 304982 Californi. 149760 12 101913 110594 229161 Florida 146122 13 100672 91791 249745 Californi. 144259 14 93864 127320 249839 Florida 141586 15 91992 135495 252665 Californi. 134307 16 119943 156547 256513 Florida 132603 17 114524 122617 261776 New Yor 129917 18 78013 121598 264346 Californi. 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 0 New Yor 122777 22 76254 113867 298664 Californi. 118474 23 78389 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 10852 25 67533 105751 304768 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi. 107404 28 75329 144136 134050 Florida 108734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99938 33 61136 152702 88218 New Yor 101005 34 63409 12920 46085 Californi. 97428 35 55494 103057 214635 Florida 96779 36 46626 157694 210738 Californi. 97428 36 46426 157694 210738 Californi. 97428 37839 82982 174999 Californi. 97428 36 55494 103057 214635 Florida 96779 36 46646 157694 210738 Californi. 97428 37 55494 103057 214635 Florida 96779 38 40707 51283 197029 Californi. 97428 39 55494 103057 214635 Florida 96779 39 44070 51283 197029 Californi. 97438 40 2230 65948 185265 New Yor 96480 41 27893 84711 164471 Florida 97799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 64926 46 22178 154806 28335 Californi. 76240 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673	4						
162598 151378 443899 Californi 191792							
4 153442 101146 407935 Florida 191050 5 144372 118672 383200 New Yor 182902 6 142107 91392 366168 Florida 166188 7 131877 99815 362861 New Yor 156991 8 134615 147199 127717 Californi 156123 9 130298 145530 323877 Florida 155753 10 120543 148719 311613 New Yor 152212 11 123335 108679 304982 Californi 149760 12 101913 110672 91791 249745 Californi 144259 13 100672 91791 249745 Californi 144259 14 93864 127320 2498333 Florida 141259 15 91992 135495 226651 Californi 14307 16 119943 156547 256513							
5 144372 118672 383200 New Yor 182902 6 142107 91392 366168 Florida 166188 7 131877 99815 362861 New Yor 156931 8 134615 147199 127717 Californi 156123 9 130298 145530 323877 Florida 155753 10 120543 148719 311613 New Yor 152212 11 123335 108679 304982 Californi 149760 12 101913 110594 229161 Florida 146122 13 100672 91791 249785 Californi 144259 14 93864 127320 249839 Florida 141586 15 91992 135495 252665 Californi 134307 16 119943 156547 256753 Florida 132603 17 14524 126677 New Yor 125370							
6 142107 91392 366168 Florida 166188 7 131877 99815 362861 New Yor 156991 8 134615 147199 127717 Californi. 156123 9 130298 145530 323877 Florida 155753 New Yor 152212 11 123335 108679 304982 Californi. 149760 12 101913 110594 229161 Florida 146122 13 100672 91791 249745 Californi. 144259 14 93864 127320 249839 Florida 141586 15 91992 135495 252665 Californi. 134307 16 119943 156547 256513 Florida 132603 17 114524 122617 261776 New Yor 129917 18 78013 121598 264346 Californi. 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 0 New Yor 122777 22 76254 113867 298664 Californi. 118474 23 78389 153773 293737 New Yor 11313 24 73995 122783 303319 Florida 10352 25 67533 105751 304769 Florida 108734 New Yor 125370 11052 27 64665 139553 137963 Californi. 10352 27 64665 139553 137963 Californi. 10352 28 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 105008 31 6136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi. 97428 35 55494 103057 214635 Florida 9938 36136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi. 97428 36404 18548 Florida 9938 36136 152702 88218 New Yor 97484 363409 129220 46085 Californi. 97428 36404 185047 205518 New Yor 97484 363409 129220 46085 Californi. 97428 36404 185047 205518 New Yor 97484 363409 129220 46085 Californi. 97428 36404 19690 148001 Californi. 78240 42 28754 118546 172796 Californi. 89349 44070 51283 197029 Californi. 89349 44070 51283 197029 Californi. 89349 44070 51283 197029 Californi. 8949 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 96480 45 1							
7 131877 99815 362861 New Yor 156991 8 134615 147199 127717 Californi. 156123 9 130298 145530 323877 Florida 155753 10 120543 148719 311613 New Yor 152212 11 123335 108679 304982 Californi. 149760 12 101913 110594 229161 Florida 146122 13 100672 91791 249745 Californi. 144259 14 93864 127320 249839 Florida 134307 16 119943 156547 25665 Californi. 134307 16 119943 156547 2566513 Florida 132603 17 114524 122617 261776 New Yor 129917 18 78013 121598 264346 Californi. 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 0 New Yor 122777 22 76254 113867 298664 Californi. 118474 23 78389 153773 293737 New Yor 111313 24 73995 122783 303319 Florida 108734 25 67533 105751 304769 Florida 108734 26 77044 93281 140575 New Yor 108552 27 64665 139553 137963 Californi. 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 108552 30 66052 182646 118148 Florida 105734 31 65605 153032 107138 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99938 33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi. 97428 35 55494 103057 216635 Florida 96779 36 46426 157694 210798 Californi. 97428 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 96480 41 38559 82982 174999 Californi. 78240 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 78240 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 293714 Florida 49491 49 135673 1903.9 New Yor 64926 48 1315.5 115816 293714 Florida 49491 49 135673 1903.9 New Yor 64926 49 13542.05 51743 0 New Yor 64926							
8 134615 147199 127717 Californi. 156123 9 130298 145530 323877 Florida 155753 10 120543 148719 311613 New Yor 152212 11 123335 108679 304982 Californi. 149760 12 101913 110594 229161 Florida 146122 13 100672 91791 249745 Californi. 144259 14 93864 127320 249839 Florida 141586 15 91992 135495 252665 Californi. 134307 16 119943 156547 256513 Florida 132603 17 114524 122617 261776 New Yor 129917 18 78013 121598 264346 Californi. 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 0 New Yor 122777 22 76254 113867 298664 Californi. 118474 23 78383 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 110352 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi. 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99938 33 61136 152702 88218 New Yor 97484 4 63409 12920 46085 Californi. 97428 34 63409 12920 46085 Californi. 96713 37 46014 85047 205518 New Yor 97484 4 63409 12920 46085 Californi. 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 96480 41 38559 82982 174999 Californi. 89949 44 23641 96190 148001 Californi. 77299 44 23641 96190 148001 Californi. 77299 44 23641 96190 148001 Californi. 77498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 69759 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 65200 542.05 51743 0 New Yor 35673	_						
9 130298 145530 323877 Florida 155753 10 120543 148719 311613 New Yor 152212 11 123335 108679 304982 Californi. 149760 12 101913 110594 229161 Florida 146122 13 100672 91791 249745 Californi. 144259 14 93864 127320 249839 Florida 141586 15 91992 135495 252665 Californi. 134307 16 119943 156547 256513 Florida 132603 17 114524 122617 261776 New Yor 129917 18 78013 121598 264346 Californi. 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 0 New Yor 127777 22 76254 113867 298664 Californi. 118474 23 78389 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 110352 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi. 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99398 33 61136 152702 88218 New Yor 97484 34 63403 129220 46085 Californi. 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi. 96713 37 46014 85047 205518 New Yor 96480 40 20230 65948 185265 New Yor 96480 41 38559 82982 174999 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 89949 44 23641 96190 148001 Californi. 78240 44 23641 96190 148001 Californi. 78240 45 25783 84711 164471 Florida 77799 46 22178 15866 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 69759 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 65200 542.05 51743 0 New Yor 35673							
10 120543 148719 311613 New Yor 152212 11 123335 108679 304982 Californi. 149760 12 101913 110594 229161 Florida 146122 13 100672 91791 249745 Californi. 144259 14 93864 127320 249839 Florida 141586 15 91992 135495 252665 Californi. 134307 16 119943 156547 256513 Florida 132603 17 114524 122617 261776 New Yor 129917 18 78013 121538 264346 Californi. 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 0 New Yor 122777 22 76254 113867 298664 Californi. 118474 23 78389 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 108734 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi. 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99938 33 61136 152702 88218 New Yor 97484 363409 129220 46085 Californi. 96713 37 46014 85047 205518 New Yor 97484 36404 85047 205518 New Yor 97484 364070 51283 197029 Californi. 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 96713 37 46014 85047 205518 New Yor 81229 41 38559 82982 174999 Californi. 96703 44 23641 96190 148001 Californi. 78240 45 28754 118546 172796 Californi. 78240 46 2278 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 69759 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 65200 542.05 51743 0 New Yor 35673							
11 123335 108679 304982 Californi. 149760 12 101913 110594 229161 Florida 146122 13 100672 91791 249745 Californi. 144259 14 93864 127320 249833 Florida 141586 15 91992 135495 252665 Californi. 134307 16 119943 156547 256513 Florida 132603 17 114524 122617 261776 New Yor 129917 18 78013 121598 264346 Californi. 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 0 New Yor 12777 22 76254 113867 298664 Californi. 118474 23 78389 153773 299737 New Yor <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td>							
12 101913 110594 229161 Florida 146122 13 100672 91791 249745 Californi 144259 14 93864 127320 249839 Florida 141586 15 91992 135495 252665 Californi 134307 16 119943 156547 256513 Florida 132603 17 114524 122617 261776 New Yor 129917 18 78013 121598 264346 Californi 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514							
13 100672 91791 249745 Californi 144259 14 93864 127320 249839 Florida 141586 15 91992 135495 252665 Californi 132603 17 114524 122617 261776 New Yor 129917 18 78013 121598 264346 Californi 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 O New Yor 122777 22 76254 113867 298664 Californi 118474 23 78389 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 110352 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 105008 32 61994 115641 91131 Florida 9938 33 61136 152702 88218 New Yor 97484 34 63409 12920 46085 Californi 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi 89949 40 20230 65948 185265 New Yor 86480 41 38559 82982 174999 Californi 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi 81096 42 28754 118546 172796 Californi 77499 44 23641 96190 148001 Californi 71498 45 15506 127382 35534 New Yor 64926 46 22178 158406 28335 Californi 77499 46 22178 158406 28335 Californi 71498 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi 65200 47 1000.2 124153 1903.9 New Yor 66759 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi 65200 50 542.05 51743 0 New Yor 35673							
14 93864 127320 249839 Florida 141586 15 91992 135495 252665 Californi 134307 16 119943 156547 256513 Florida 132603 17 114524 122617 261776 New Yor 129917 18 78013 121598 264346 Californi 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 O New Yor 12277 21 86420 153514 O New Yor 111313 23 78389 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 13953 137963 Californi 1074							
15 91992 135495 252665 Californi. 134307 16 119943 156547 256513 Florida 132603 17 114524 122617 261776 New Yor 129917 18 78013 121598 264346 Californi. 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 0 New Yor 122777 22 76254 113867 298664 Californi. 118474 23 78389 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 110352 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi.							
16 119943 156547 256513 Florida 132603 17 114524 122617 261776 New Yor 129917 18 78013 121598 264346 Californi 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 0 New Yor 122777 22 76254 113867 298664 Californi 118474 23 78389 153773 299737 New Yor 11313 24 73935 122783 303319 Florida 108734 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 10552 27 64665 139553 137963 Californi 107404 28 75293 144186 134056 Florida <td< td=""><td>14</td><td></td><td></td><td></td><td></td><td></td><td></td></td<>	14						
17 114524 122617 261776 New Yor 129917 18 78013 121598 264346 Californi. 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 0 New Yor 122777 22 76254 113867 298664 Californi. 118474 23 78389 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 10352 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi. 107404 28 75329 144136 134050 Florida 105734 29 72108 127864 18148 Florida <	15						
18 78013 121598 264346 Californi. 126993 19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 0 New Yor 122777 22 76254 113867 298684 Californi. 118474 23 78389 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 110352 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi. 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida							
19 94657 145078 282574 New Yor 125370 20 91749 114176 294920 Florida 124267 21 86420 153514 0 New Yor 122777 22 76254 113867 298664 Californi 118474 23 78389 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 110352 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99938 33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi 80908 42 28754 118546 172796 Californi 778240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi 71498 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi 42560 50 542.05 51743 0 New Yor 35673	17		122617	261776	New Yor	129917	
20 91749 114176 294920 Florida 124267 21 86420 153514 0 New Yor 122777 22 76254 113867 298664 Californi 118474 23 78389 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 110352 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99	18						
21 86420 153514 0 New Yor 122777 22 76254 113867 298664 Californi. 118474 23 78389 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 110352 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi. 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99938 33 61136 152702 88218 New Yor 97484 34 63409 12920 46085 Californi. 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi. 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673	19	94657	145078	282574	New Yor	125370	
22 76254 113867 298664 Californi. 118474 23 78389 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 110352 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi. 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 9938 33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi. 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi. 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 69759 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673	20	91749		294920	Florida	124267	
23 78389 153773 299737 New Yor 111313 24 73995 122783 303319 Florida 110352 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 9938 33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi 96779 36 46426 157694 210798 Californi 9	21	86420	153514	0	New Yor	122777	
24 73995 122783 303319 Florida 110352 25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 9938 33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi 96779 36 46426 157694 210798 Californi 96713 37 46014 85047 205518 New Yor 964	22	76254	113867	298664	Californi-	118474	
25 67533 105751 304769 Florida 108734 26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi. 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99338 33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi. 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi. 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 63759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673	23	78389	153773			111313	
26 77044 99281 140575 New Yor 108552 27 64665 139553 137963 Californi. 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 9938 33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi. 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi. 96480 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90	24	73995	122783	303319	Florida	110352	
27 64665 139553 137963 Californi. 107404 28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99938 33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi. 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi. 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor	25	67533	105751	304769	Florida	108734	
28 75329 144136 134050 Florida 105734 29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99938 33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi 81006 42 28754 118546 172796 Californi 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi 42560 50 542.05 51743 0 New Yor 35673	26	77044	99281	140575	New Yor	108552	
29 72108 127865 353184 New Yor 105008 30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99938 33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi. 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi. 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 782	27	64665	139553	137963	Californi-	107404	
30 66052 182646 118148 Florida 103282 31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99938 33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi 81006 42 28754 118546 172796 Californi 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi 42560 50 542.05 51743 0 New Yor 35673	28	75329	144136	134050	Florida	105734	
31 65605 153032 107138 New Yor 101005 32 61994 115641 91131 Florida 99938 33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi. 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi. 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673	29	72108	127865	353184	New Yor	105008	
32 61994 115641 91131 Florida 99938 33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi 81006 42 28754 118546 172796 Californi 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi 42560 50 542.05 51743 0 New Yor 35673	30	66052	182646	118148	Florida	103282	
33 61136 152702 88218 New Yor 97484 34 63409 129220 46085 Californi. 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi. 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673	31	65605	153032	107138	New Yor	101005	
34 63409 129220 46085 Californi. 97428 35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi. 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673	32	61994	115641	91131	Florida	99938	
35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi. 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor	33	61136	152702	88218	New Yor	97484	
35 55494 103057 214635 Florida 96779 36 46426 157694 210798 Californi. 96713 37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor	34	63409	129220	46085	Californi.	97428	
37 46014 85047 205518 New Yor 96480 38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673	35	55494	103057	214635	Florida	96779	
38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673	36	46426	157694	210798	Californi.	96713	
38 28664 127056 201127 Florida 90708 39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673	37	46014	85047	205518	New Yor	96480	
39 44070 51283 197029 Californi. 89949 40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673	38	28664	127056	201127	Florida	90708	
40 20230 65948 185265 New Yor 81229 41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673							
41 38559 82982 174999 Californi. 81006 42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673					New Yor		
42 28754 118546 172796 Californi. 78240 43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673		38559		174999			
43 27893 84711 164471 Florida 77799 44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673		28754	118546	172796	Californi.	78240	
44 23641 96190 148001 Californi. 71498 45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673							
45 15506 127382 35534 New Yor 69759 46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673							
46 22178 154806 28335 Californi. 65200 47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi. 42560 50 542.05 51743 0 New Yor 35673				35534	New Yor		
47 1000.2 124153 1903.9 New Yor 64926 48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi 42560 50 542.05 51743 0 New Yor 35673							
48 1315.5 115816 297114 Florida 49491 49 0 135427 0 Californi 42560 50 542.05 51743 0 New Yor 35673							
49 0 135427 0 Californi 42560 50 542.05 51743 0 New Yor 35673							
50 542.05 51743 0 New Yor 35673							

Python Script:

```
Python script editor

1 # The following code to create a dataframe and remove duplicated rows is always executed and acts as a preamble for your script:

2 # dataset = pandas.DataFrame(Administration, Marketing Spend, Profit, State, R&D Spend)

4 # dataset = dataset.drop_duplicates()

5 # Paste or type your script code here:
7 import seaborn as sns
8 import matplotlib.pyplot as plt
9 sns.pairplot(data=dataset)
10 plt.show()
```

Visualization:

