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15634602 Hargrave 619 France

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101348.88 1

RowNumber CustomerId Surname CreditScore Geography Gender Age Tenure Balance NumOfProducts HasCrCard IsActiveMember EstimatedSalary Exited

0.00

Female 42 2

0 1	13034002	margrave 013	riunce	r citiate 42	-	0.00	-	-	-	101540.00	-		
1 2	15647311	Hill	608	Spain	Female 41	1	83807.86	1	0	1	112542.58	0	
2 3	15619304	Onio	502	France	Female 42	8	159660.80 3	1	0	113931.57	1		
3 4	15701354	Boni	699	France	Female 39	1	0.00	2	0	0	93826.63	0	
4 5	15737888	Mitchell	850	Spain	Female 43	2	125510.82 1	1	1	79084.10	0		
5 6	15574012	Chu	645	Spain	Male	44	8	113755.78 2	1	0	149756.71	1	
6 7	15592531	Bartlett	822	France	Male	50	7	0.00	2	1	1	10062.80	0
7 8	15656148	Obinna	376	Germany	Female 29	4	115046.74 4	1	0	119346.88	1		
8 9	15792365	He	501	France	Male	44	4	142051.07 2	0	1	74940.50	0	
9 10	15592389	Н?	684	France	Male	27	2	134603.88 1	1	1	71725.73	0	
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HasCrCard 10000 non-null int64 \n", "11 isActiveMember 10000 non-null int64 \n", "12 EstimatedSalary 10000 non-null int64 \n", "13 Exited 10000 non-null int64 \n", "14 isActiveMember 10000 non-null int64 \n", "15 EstimatedSalary 10000 non-null int64 \n", "16 EstimatedSalary 10000 non-null int64 \n", "18 EstimatedSalary 10000 non-null int64 \n", "18 Exited 10000 non-null int64 \n

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CreditScore Geography Gender Age Tenure Balance NumOfProducts HasCrCard IsActiveMember EstimatedSalary Exited

0 619	France	Female 42	2	0.00	1	1	1	101348.88	1
1 608	Spain	Female 41	1	83807.86	1	0	1	112542.58	0
2 502	France	Female 42	8	159660.80 3	1	0	113931.57	1	
3 699	France	Female 39	1	0.00	2	0	0	93826.63	0
4 850	Spain	Female 43	2	125510.82 1	1	1	79084.10	0	

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\n"," \n"," | IsActiveMember EstimatedSalary Exited \n", "0 1 1 101348.88 1 \n", "1 0 1 112542.58 0 \n", "2 1 0 113931.57 1 \n", "3 0 0 93826.63 0 \n", "4 1 1 79084.10 0 "]}, "execution_count": 12, "metadata": {}, "output_type": "execute_result" }], "source": ["df.head()"]}, {"cell_type": "code", "execution_count": 13, "metadata": {"colab": {"base_uri": "https://localhost:8080/"}, "id": "OGeal4kqBd6-", "outputId": "3e7bc491-e176-47c6-84d4-8fcde95c2b1e" }, "outputs": [{ "name": "stdout", "output_type":

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10 \n", "10 1 112542.58 0 0 \n", "21 0 113931.57 1 1 0 \n", "3 0 0 93826.63 0 1 0 \n", "41 1 79084.10 0 0 0 \n", "\n", " Spain Female Male \n", "01 1 101348.88 1

10 \n", "999 61 1 101699.77 0 1 0 \n", "9997 0 1 42085.58 1 1 0 \n", "9998 1 0 92888.52 1 0 1 \n", "9999 1 0 38190.78 0 1 0 \n", "\n", " Spain Female Male \n", "0 0 1 0 \n", "1 1

10 \n", "2 0 1 0 \n", "3 0 1 0 \n", "4 1 1 0 \n", "\n", "\n", "9995 0 0 1 \n", "9996 0 0 1 \n", "9999 0 1 0 \n", "9999 0 1 0 \n", "\n", "9990 0 1 \n", "\n", "9990 0 1 \n", "\n", "\n "metadata": { "colab": { "base_uri": "https://localhost:8080/", "height": 270 }, "id": "xQxZdaqnCZMO", "outputId": "f54dce8f-54ab-45aa-9ee2-0fe3432e65ed" }, "outputs": [{ "data": { "text/html": ["\n". \n", " \n", "\n", " *`\a", "\a", \n", "\n", " CreditScore Age Tenure Balance NumOfProducts HasCrCard IsActiveMember EstimatedSalary Exited France Germany Spain Female Male 0 619 42 2 0.00 1 1 1 101348.88 1 0 0 1 0 1 0 0 1 608 41 1 83807.86 1 1 112542.58 0 0 1 1 0 113931.57 **2** 502 8 159660.80 3 0 O 0 42 0

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19660.80 3 1\n", "3 699 39 1 0.00 2 0\n", "4 850 43 2 125510.82 11\n", "\n", "ln", "lsActiveMember EstimatedSalary Exited France Germany Spain Female \\\n", "0 1 101348.88 1 1 0 0 1\n", "1 112542.58 0 0 0 1 1\n", "2 0 113931.57 1 1 0 0 1\n", "3 0 93826.63 0 1 0 0 1\n", "4 1 79084.10 0 0 0 1 1\n", "\n", "Male \n", "0 0\n", "10 \n", "2 0 \n", "3 0 \n", "4 0 "]}, "execution_count": 22, "metadata": {}, "output_type": "execute_result" }}, "source": ["df.head()"]}, {"cell_type": "code", "execution_count": 23, "metadata": {"id": "6VBUQYt_Cows"}, "outputs": [], "source": ["x=df.drop('Exited',axis=1)"]}, {"cell_type": "code", "execution_count": 24, "metadata": {"tolse: "colab": {"base_uri": "https://localhost:8080/", "height": 488 }, "id": "FnTu3M5LCrP-", "outputtd": "70be06da-f37c-4111-cd5d-92a6d12e6b03"}, "outputs": [{"data": {"text/html": ["\n", "

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$Credit Score\ Age\ Tenure\ Balance\ NumOfProducts\ Has CrCard\ Is Active Member\ Estimated Salary\ France\ Germany\ Spain\ Female\ Male$

0	619	42	2	0.00	1	1	1	101348.88	1	0	0	1	0
1	608	41	1	83807.86	1	0	1	112542.58	0	0	1	1	0
2	502	42	8	159660.80 3	1	0	113931.57	1	0	0	1	0	
3	699	39	1	0.00	2	0	0	93826.63	1	0	0	1	0
4	850	43	2	125510.82 1	1	1	79084.10	0	0	1	1	0	
9995	771	39	5	0.00	2	1	0	96270.64	1	0	0	0	1
9996	516	35	10	57369.61	1	1	1	101699.77	1	0	0	0	1
9997	709	36	7	0.00	1	0	1	42085.58	1	0	0	1	0
9998	772	42	3	75075.31	2	1	0	92888.52	0	1	0	0	1
9999	792	28	4	130142.79 1	1	0	38190.78	1	0	0	1	0	

10000 rows Ã② 13 columns

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