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Eino Viljami</td><td>male</td><td>1.0</td><td>4</td><td>1</td><td></td><td>3101295</td><td>39.6875</td><td>None</td><td>S</td></tr><tr><td>4</td><td>173</td><td>1</td><td>3</td><td></td><td>Johnson, Mrs. Eleanor Ileen</td><td>female</td><td>1.0</td><td>1</td><td>1</td><td></td><td>347742</td><td>11.1333</td><td>None</td><td>S</td></tr><tr><td>5</td><td>184</td><td>1</td><td>2</td><td></td><td>Becker, Master. Richard F</td><td>male</td><td>1.0</td><td>2</td><td>1</td><td></td><td>230136</td><td>39.0000</td><td>F4</td><td>S</td></tr><tr><td>6</td><td>206</td><td>0</td><td>3</td><td></td><td>Strom, Miss. Helena Matilda</td><td>female</td><td>2.0</td><td>0</td><td>1</td><td></td><td>347054</td><td>10.4625</td><td>G6</td><td>S</td></tr><tr><td>7</td><td>288</td><td>0</td><td>1</td><td></td><td>Allison, Miss. Helen Loraine</td><td>female</td><td>2.0</td><td>1</td><td>2</td><td></td><td>113781</td><td>151.5500</td><td>C22 C26</td><td>S</td></tr><tr><td>8</td><td>341</td><td>1</td><td>2</td><td></td><td>Navarra, Master. Edmund Roger</td><td>male</td><td>2.0</td><td>1</td><td>1</td><td></td><td>230080</td><td>26.0000</td><td>F2</td><td>S</td></tr><tr><td>9</td><td>382</td><td>1</td><td>3</td><td></td><td>Nakki, Miss. Maria (Mary)</td><td>female</td><td>1.0</td><td>0</td><td>2</td><td></td><td>2653</td><td>15.7417</td><td>None</td><td>C</td></tr><tr><td>10</td><td>387</td><td>0</td><td>3</td><td></td><td>Goodwin, Master. Sidney Leonard</td><td>male</td><td>1.0</td><td>5</td><td>2</td><td></td><td>CA 2144</td><td>46.9000</td><td>None</td><td>S</td></tr><tr><td>11</td><td>480</td><td>1</td><td>3</td><td></td><td>Hivonen, Miss. Hilbur E</td><td>female</td><td>2.0</td><td>0</td><td>1</td><td></td><td>3101298</td><td>12.2875</td><td>None</td><td>S</td></tr><tr><td>12</td><td>531</td><td>1</td><td>2</td><td></td><td>Quick, Miss. Phyllis May</td><td>female</td><td>2.0</td><td>1</td><td>1</td><td></td><td>26360</td><td>26.0000</td><td>None</td><td>S</td></tr><tr><td>13</td><td>643</td><td>0</td><td>3</td><td></td><td>Skoog, Miss. Margt Elizabeth</td><td>female</td><td>2.0</td><td>3</td><td>2</td><td></td><td>347088</td><td>27.9000</td><td>None</td><td>S</td></tr><tr><td>14</td><td>769</td><td>1</td><td>3</td><td></td><td>Dean, Master. Bertram Vere</td><td>male</td><td>1.0</td><td>1</td><td>2</td><td></td><td>C.A. 2315</td><td>20.5750</td><td>None</td><td>S</td></tr><tr><td>15</td><td>825</td><td>0</td><td>3</td><td></td><td>Panula, Master. Urho Abraham</td><td>male</td><td>2.0</td><td>4</td><td>1</td><td></td><td>3101295</td><td>39.6875</td><td>None</td><td>S</td></tr><tr><td>16</td><td>828</td><td>1</td><td>2</td><td></td><td>Mallet, Master. Andre</td><td>male</td><td>1.0</td><td>0</td><td>2</td><td></td><td>S.C./P&RS 2079</td><td>37.0042</td><td>None</td><td>C</td></tr></table>		PassengerId	Survived	Pclass		Name	Sex	Age	SibSp	Parch		Ticket	Fare	Cabin	Embarked	0	8	0	3		Palsson, Master. Gosta Leonard	male	2.0	3	1		349909	21.0750	None	Q	1	17	0	3		Rice, Master. Eugene	male	2.0	4	1		382652	29.1250	None	S	2	120	0	3		Anderson, Miss. Ellis Anna Maria	female	2.0	4	2		347802	31.2750	None	S	3	165	0	3		Panula, Master. Eino Viljami	male	1.0	4	1		3101295	39.6875	None	S	4	173	1	3		Johnson, Mrs. Eleanor Ileen	female	1.0	1	1		347742	11.1333	None	S	5	184	1	2		Becker, Master. Richard F	male	1.0	2	1		230136	39.0000	F4	S	6	206	0	3		Strom, Miss. Helena Matilda	female	2.0	0	1		347054	10.4625	G6	S	7	288	0	1		Allison, Miss. Helen Loraine	female	2.0	1	2		113781	151.5500	C22 C26	S	8	341	1	2		Navarra, Master. Edmund Roger	male	2.0	1	1		230080	26.0000	F2	S	9	382	1	3		Nakki, Miss. Maria (Mary)	female	1.0	0	2		2653	15.7417	None	C	10	387	0	3		Goodwin, Master. Sidney Leonard	male	1.0	5	2		CA 2144	46.9000	None	S	11	480	1	3		Hivonen, Miss. Hilbur E	female	2.0	0	1		3101298	12.2875	None	S	12	531	1	2		Quick, Miss. Phyllis May	female	2.0	1	1		26360	26.0000	None	S	13	643	0	3		Skoog, Miss. Margt Elizabeth	female	2.0	3	2		347088	27.9000	None	S	14	769	1	3		Dean, Master. Bertram Vere	male	1.0	1	2		C.A. 2315	20.5750	None	S	15	825	0	3		Panula, Master. Urho Abraham	male	2.0	4	1		3101295	39.6875	None	S	16	828	1	2		Mallet, Master. Andre	male	1.0	0	2		S.C./P&RS 2079	37.0042	None	C
	PassengerId	Survived	Pclass		Name	Sex	Age	SibSp	Parch		Ticket	Fare	Cabin	Embarked																																																																																																																																																																																																																																																																	
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11	480	1	3		Hivonen, Miss. Hilbur E	female	2.0	0	1		3101298	12.2875	None	S																																																																																																																																																																																																																																																																	
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14	769	1	3		Dean, Master. Bertram Vere	male	1.0	1	2		C.A. 2315	20.5750	None	S																																																																																																																																																																																																																																																																	
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16	828	1	2		Mallet, Master. Andre	male	1.0	0	2		S.C./P&RS 2079	37.0042	None	C																																																																																																																																																																																																																																																																	
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0	470	1	3		Bacini, Miss. Helene Barbara	female	0.75	2	1		2666	19.2583	None	C																																																																																																																																																																																																																																																																	
1	645	1	3		Bacini, Miss. Eugenie	female	0.75	2	1		2666	19.2583	None	C																																																																																																																																																																																																																																																																	
In [46]:	<pre>ps.sqlOf(""" select df.* from titanic_dataset as df where df.age<3 and df.sex='female' or df.age>50 and df.pclass=2 """)</pre>																																																																																																																																																																																																																																																																														
Out [46]:	<table><tr><th></th><th>PassengerId</th><th>Survived</th><th>Pclass</th><th></th><th>Name</th><th>Sex</th><th>Age</th><th>SibSp</th><th>Parch</th><th></th><th>Ticket</th><th>Fare</th><th>Cabin</th><th>Embarked</th></tr><tr><td>0</td><td>16</td><td>1</td><td>2</td><td></td><td>Hewlett, Mrs. (Mary D Kingcome)</td><td>female</td><td>55.00</td><td>0</td><td>0</td><td></td><td>246706</td><td>16.0000</td><td>None</td><td>S</td></tr><tr><td>1</td><td>24</td><td>0</td><td>2</td><td></td><td>Wheldon, Mr. Edward H</td><td>male</td><td>66.00</td><td>0</td><td>0</td><td></td><td>C.A. 24678</td><td>10.5000</td><td>None</td><td>S</td></tr><tr><td>2</td><td>151</td><td>0</td><td>2</td><td></td><td>Bateman, Rev. Robert James</td><td>male</td><td>51.00</td><td>0</td><td>0</td><td></td><td>S.O.P. 1166</td><td>12.5250</td><td>None</td><td>S</td></tr><tr><td>3</td><td>233</td><td>0</td><td>2</td><td></td><td>Spyroff, Mr. Ernst Adolf</td><td>male</td><td>59.00</td><td>0</td><td>0</td><td></td><td>234422</td><td>13.5000</td><td>None</td><td>S</td></tr><tr><td>4</td><td>250</td><td>0</td><td>2</td><td></td><td>Carter, Rev. Ernest Courtenay</td><td>male</td><td>54.00</td><td>1</td><td>0</td><td></td><td>244252</td><td>26.0000</td><td>None</td><td>S</td></tr><tr><td>5</td><td>335</td><td>0</td><td>2</td><td></td><td>Mozes, Dr. Ernest</td><td>male</td><td>54.00</td><td>0</td><td>0</td><td></td><td>29011</td><td>14.0000</td><td>None</td><td>S</td></tr><tr><td>6</td><td>470</td><td>1</td><td>3</td><td></td><td>Bacini, Miss. Helene Barbara</td><td>female</td><td>0.75</td><td>2</td><td>1</td><td></td><td>2666</td><td>19.2583</td><td>None</td><td>C</td></tr><tr><td>7</td><td>571</td><td>1</td><td>2</td><td></td><td>Harris, Mr. George</td><td>male</td><td>62.00</td><td>0</td><td>0</td><td></td><td>S.W.P.P 752</td><td>10.5000</td><td>None</td><td>S</td></tr><tr><td>8</td><td>583</td><td>0</td><td>2</td><td></td><td>Downton, Mr. William James</td><td>male</td><td>54.00</td><td>0</td><td>0</td><td></td><td>29403</td><td>26.0000</td><td>None</td><td>S</td></tr><tr><td>9</td><td>627</td><td>0</td><td>2</td><td></td><td>Kirkland, Rev. Charles Leonard</td><td>male</td><td>57.00</td><td>0</td><td>1</td><td></td><td>219533</td><td>12.3500</td><td>None</td><td>Q</td></tr><tr><td>10</td><td>645</td><td>1</td><td>3</td><td></td><td>Bacini, Miss. Eugenie</td><td>female</td><td>0.75</td><td>2</td><td>1</td><td></td><td>2666</td><td>19.2583</td><td>None</td><td>C</td></tr><tr><td>11</td><td>673</td><td>0</td><td>2</td><td></td><td>Mitchell, Mr. Henry Michael</td><td>male</td><td>70.00</td><td>0</td><td>0</td><td></td><td>C.A. 24580</td><td>10.5000</td><td>None</td><td>S</td></tr><tr><td>12</td><td>685</td><td>0</td><td>2</td><td></td><td>Brown, Mr. Thomas William Solomon</td><td>male</td><td>60.00</td><td>1</td><td>1</td><td></td><td>29750</td><td>39.0000</td><td>None</td><td>S</td></tr><tr><td>13</td><td>696</td><td>0</td><td>2</td><td></td><td>Chapman, Mr. Charles Henry</td><td>male</td><td>52.00</td><td>0</td><td>0</td><td></td><td>248731</td><td>13.5000</td><td>None</td><td>S</td></tr><tr><td>14</td><td>715</td><td>0</td><td>2</td><td></td><td>Greenberg, Mr. Samuel</td><td>male</td><td>52.00</td><td>0</td><td>0</td><td></td><td>250647</td><td>13.0000</td><td>None</td><td>S</td></tr><tr><td>15</td><td>773</td><td>0</td><td>2</td><td></td><td>Mack, Miss. Mary</td><td>female</td><td>57.00</td><td>0</td><td>0</td><td></td><td>S.O.P.P.3</td><td>10.5000</td><td>E77</td><td>S</td></tr><tr><td>16</td><td>775</td><td>1</td><td>2</td><td></td><td>Hocking, Mrs. Elizabeth (Eliza Neesli)</td><td>female</td><td>54.00</td><td>1</td><td>3</td><td></td><td>29105</td><td>23.0000</td><td>None</td><td>S</td></tr></table>		PassengerId	Survived	Pclass		Name	Sex	Age	SibSp	Parch		Ticket	Fare	Cabin	Embarked	0	16	1	2		Hewlett, Mrs. (Mary D Kingcome)	female	55.00	0	0		246706	16.0000	None	S	1	24	0	2		Wheldon, Mr. Edward H	male	66.00	0	0		C.A. 24678	10.5000	None	S	2	151	0	2		Bateman, Rev. Robert James	male	51.00	0	0		S.O.P. 1166	12.5250	None	S	3	233	0	2		Spyroff, Mr. Ernst Adolf	male	59.00	0	0		234422	13.5000	None	S	4	250	0	2		Carter, Rev. Ernest Courtenay	male	54.00	1	0		244252	26.0000	None	S	5	335	0	2		Mozes, Dr. Ernest	male	54.00	0	0		29011	14.0000	None	S	6	470	1	3		Bacini, Miss. Helene Barbara	female	0.75	2	1		2666	19.2583	None	C	7	571	1	2		Harris, Mr. George	male	62.00	0	0		S.W.P.P 752	10.5000	None	S	8	583	0	2		Downton, Mr. William James	male	54.00	0	0		29403	26.0000	None	S	9	627	0	2		Kirkland, Rev. Charles Leonard	male	57.00	0	1		219533	12.3500	None	Q	10	645	1	3		Bacini, Miss. Eugenie	female	0.75	2	1		2666	19.2583	None	C	11	673	0	2		Mitchell, Mr. Henry Michael	male	70.00	0	0		C.A. 24580	10.5000	None	S	12	685	0	2		Brown, Mr. Thomas William Solomon	male	60.00	1	1		29750	39.0000	None	S	13	696	0	2		Chapman, Mr. Charles Henry	male	52.00	0	0		248731	13.5000	None	S	14	715	0	2		Greenberg, Mr. Samuel	male	52.00	0	0		250647	13.0000	None	S	15	773	0	2		Mack, Miss. Mary	female	57.00	0	0		S.O.P.P.3	10.5000	E77	S	16	775	1	2		Hocking, Mrs. Elizabeth (Eliza Neesli)	female	54.00	1	3		29105	23.0000	None	S
	PassengerId	Survived	Pclass		Name	Sex	Age	SibSp	Parch		Ticket	Fare	Cabin	Embarked																																																																																																																																																																																																																																																																	
0	16	1	2		Hewlett, Mrs. (Mary D Kingcome)	female	55.00	0	0		246706	16.0000	None	S																																																																																																																																																																																																																																																																	
1	24	0	2		Wheldon, Mr. Edward H	male	66.00	0	0		C.A. 24678	10.5000	None	S																																																																																																																																																																																																																																																																	
2	151	0	2		Bateman, Rev. Robert James	male	51.00	0	0		S.O.P. 1166	12.5250	None	S																																																																																																																																																																																																																																																																	
3	233	0	2		Spyroff, Mr. Ernst Adolf	male	59.00	0	0		234422	13.5000	None	S																																																																																																																																																																																																																																																																	
4	250	0	2		Carter, Rev. Ernest Courtenay	male	54.00	1	0		244252	26.0000	None	S																																																																																																																																																																																																																																																																	
5	335	0	2		Mozes, Dr. Ernest	male	54.00	0	0		29011	14.0000	None	S																																																																																																																																																																																																																																																																	
6	470	1	3		Bacini, Miss. Helene Barbara	female	0.75	2	1		2666	19.2583	None	C																																																																																																																																																																																																																																																																	
7	571	1	2		Harris, Mr. George	male	62.00	0	0		S.W.P.P 752	10.5000	None	S																																																																																																																																																																																																																																																																	
8	583	0	2		Downton, Mr. William James	male	54.00	0	0		29403	26.0000	None	S																																																																																																																																																																																																																																																																	
9	627	0	2		Kirkland, Rev. Charles Leonard	male	57.00	0	1		219533	12.3500	None	Q																																																																																																																																																																																																																																																																	
10	645	1	3		Bacini, Miss. Eugenie	female	0.75	2	1		2666	19.2583	None	C																																																																																																																																																																																																																																																																	
11	673	0	2		Mitchell, Mr. Henry Michael	male	70.00	0	0		C.A. 24580	10.5000	None	S																																																																																																																																																																																																																																																																	
12	685	0	2		Brown, Mr. Thomas William Solomon	male	60.00	1	1		29750	39.0000	None	S																																																																																																																																																																																																																																																																	
13	696	0	2		Chapman, Mr. Charles Henry	male	52.00	0	0		248731	13.5000	None	S																																																																																																																																																																																																																																																																	
14	715	0	2		Greenberg, Mr. Samuel	male	52.00	0	0		250647	13.0000	None	S																																																																																																																																																																																																																																																																	
15	773	0	2		Mack, Miss. Mary	female	57.00	0	0		S.O.P.P.3	10.5000	E77	S																																																																																																																																																																																																																																																																	
16	775	1	2		Hocking, Mrs. Elizabeth (Eliza Neesli)	female	54.00	1	3		29105	23.0000	None	S																																																																																																																																																																																																																																																																	
In [49]:	<pre>ps.sqlOf(""" select df.* from titanic_dataset as df where df.cabin in ('A5','A7') """)</pre>																																																																																																																																																																																																																																																																														
Out [49]:	<table><tr><th></th><th>PassengerId</th><th>Survived</th><th>Pclass</th><th></th><th>Name</th><th>Sex</th><th>Age</th><th>SibSp</th><th>Parch</th><th></th><th>Ticket</th><th>Fare</th><th>Cabin</th><th>Embarked</th></tr><tr><td>0</td><td>97</td><td>0</td><td>1</td><td></td><td>Goldschmidt, Mr. George B</td><td>male</td><td>71.0</td><td>0</td><td>0</td><td></td><td>PC 17754</td><td>34.6642</td><td>A5</td><td>C</td></tr><tr><td>1</td><td>175</td><td>0</td><td>1</td><td></td><td>Smith, Mr. James Cleitch</td><td>male</td><td>56.0</td><td>0</td><td>0</td><td></td><td>17764</td><td>30.6958</td><td>A7</td><td>C</td></tr></table>		PassengerId	Survived	Pclass		Name	Sex	Age	SibSp	Parch		Ticket	Fare	Cabin	Embarked	0	97	0	1		Goldschmidt, Mr. George B	male	71.0	0	0		PC 17754	34.6642	A5	C	1	175	0	1		Smith, Mr. James Cleitch	male	56.0	0	0		17764	30.6958	A7	C																																																																																																																																																																																																																																	
	PassengerId	Survived	Pclass		Name	Sex	Age	SibSp	Parch		Ticket	Fare	Cabin	Embarked																																																																																																																																																																																																																																																																	
0	97	0	1		Goldschmidt, Mr. George B	male	71.0	0	0		PC 17754	34.6642	A5	C																																																																																																																																																																																																																																																																	
1	175	0	1		Smith, Mr. James Cleitch	male	56.0	0	0		17764	30.6958	A7	C																																																																																																																																																																																																																																																																	
In [56]:	<pre>ps.sqlOf(""" select df.* from titanic_dataset as df where df.name like 'Mrs.%' """)</pre>																																																																																																																																																																																																																																																																														
Out [56]:	<table><tr><th></th><th>PassengerId</th><th>Survived</th><th>Pclass</th><th></th><th>Name</th><th>Sex</th><th>Age</th><th>SibSp</th><th>Parch</th><th></th><th>Ticket</th><th>Fare</th><th>Cabin</th><th>Embarked</th></tr><tr><td>0</td><td>2</td><td>1</td><td>1</td><td></td><td>Cummings, Mrs. John Bradley (Florence Briggs Th...</td><td>female</td><td>38.0</td><td>1</td><td>0</td><td></td><td>PC 17599</td><td>71.2833</td><td>C85</td><td>C</td></tr><tr><td>1</td><td>4</td><td>1</td><td>1</td><td></td><td>Futrelle, Mrs. Jacques Heath (Lily May Peel)</td><td>female</td><td>35.0</td><td>1</td><td>0</td><td></td><td>113803</td><td>53.1000</td><td>C123</td><td>S</td></tr><tr><td>2</td><td>9</td><td>1</td><td>3</td><td></td><td>Johnson, Mrs. Oscar W (Elisabeth Vilhelmina Berg)</td><td>female</td><td>27.0</td><td>0</td><td>2</td><td></td><td>347742</td><td>11.1333</td><td>None</td><td>S</td></tr><tr><td>3</td><td>10</td><td>1</td><td>2</td><td></td><td>Nasser, Mrs. Nicholas (Adolfe Achmet)</td><td>female</td><td>14.0</td><td>1</td><td>0</td><td></td><td>237736</td><td>30.0708</td><td>None</td><td>C</td></tr><tr><td>4</td><td>16</td><td>1</td><td>2</td><td></td><td>Hewlett, Mrs. (Mary D Kingcome)</td><td>female</td><td>55.0</td><td>0</td><td>0</td><td></td><td>246706</td><td>16.0000</td><td>None</td><td>S</td></tr><tr><td>...</td><td>...</td><td>...</td><td>...</td><td></td><td>...</td><td>...</td><td>...</td><td>...</td><td>...</td><td></td><td>...</td><td>...</td><td>...</td><td>...</td></tr><tr><td>120</td><td>872</td><td>1</td><td>1</td><td></td><td>Bedsworth, Mrs. Richard Leonard (Sallie Marynes)</td><td>female</td><td>47.0</td><td>1</td><td>1</td><td></td><td>11751</td><td>42.5542</td><td>D35</td><td>S</td></tr><tr><td>121</td><td>875</td><td>1</td><td>2</td><td></td><td>Abelson, Mrs. Samuel (Hannah Wospy)</td><td>female</td><td>28.0</td><td>1</td><td>0</td><td></td><td>P/PP 3381</td><td>24.0000</td><td>None</td><td>C</td></tr><tr><td>122</td><td>880</td><td>1</td><td>1</td><td></td><td>Potter, Mrs. Thomas Jr (Lily Alvena Wilson)</td><td>female</td><td>56.0</td><td>0</td><td>1</td><td></td><td>11767</td><td>83.1583</td><td>C50</td><td>C</td></tr><tr><td>123</td><td>881</td><td>1</td><td>2</td><td></td><td>Shelley, Mrs. William (Martha Parrish Hall)</td><td>female</td><td>25.0</td><td>0</td><td>1</td><td></td><td>220423</td><td>26.0000</td><td>None</td><td>S</td></tr><tr><td>124</td><td>886</td><td>0</td><td>3</td><td></td><td>Rice, Mrs. William (Margaret Norton)</td><td>female</td><td>39.0</td><td>0</td><td>5</td><td></td><td>382652</td><td>29.1250</td><td>None</td><td>Q</td></tr></table> 125 rows x 12 columns		PassengerId	Survived	Pclass		Name	Sex	Age	SibSp	Parch		Ticket	Fare	Cabin	Embarked	0	2	1	1		Cummings, Mrs. John Bradley (Florence Briggs Th...	female	38.0	1	0		PC 17599	71.2833	C85	C	1	4	1	1		Futrelle, Mrs. Jacques Heath (Lily May Peel)	female	35.0	1	0		113803	53.1000	C123	S	2	9	1	3		Johnson, Mrs. Oscar W (Elisabeth Vilhelmina Berg)	female	27.0	0	2		347742	11.1333	None	S	3	10	1	2		Nasser, Mrs. Nicholas (Adolfe Achmet)	female	14.0	1	0		237736	30.0708	None	C	4	16	1	2		Hewlett, Mrs. (Mary D Kingcome)	female	55.0	0	0		246706	16.0000	None	S	120	872	1	1		Bedsworth, Mrs. Richard Leonard (Sallie Marynes)	female	47.0	1	1		11751	42.5542	D35	S	121	875	1	2		Abelson, Mrs. Samuel (Hannah Wospy)	female	28.0	1	0		P/PP 3381	24.0000	None	C	122	880	1	1		Potter, Mrs. Thomas Jr (Lily Alvena Wilson)	female	56.0	0	1		11767	83.1583	C50	C	123	881	1	2		Shelley, Mrs. William (Martha Parrish Hall)	female	25.0	0	1		220423	26.0000	None	S	124	886	0	3		Rice, Mrs. William (Margaret Norton)	female	39.0	0	5		382652	29.1250	None	Q																																																																																										
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124	886	0	3		Rice, Mrs. William (Margaret Norton)	female	39.0	0	5		382652	29.1250	None	Q																																																																																																																																																																																																																																																																	
In [59]:	<pre>ps.sqlOf(""" select df.age, df.age * df.age as sq_age, count(df.passengerid) as max_age, from titanic_dataset as df limit 5 """)</pre>																																																																																																																																																																																																																																																																														
Out [59]:	<table><tr><th></th><th>Age</th><th>sq_age</th><th>age_0ne</th></tr><tr><td>0</td><td>22.0</td><td>484.0</td><td>23.0</td></tr><tr><td>1</td><td>38.0</td><td>1444.0</td><td>39.0</td></tr><tr><td>2</td><td>26.0</td><td>676.0</td><td>27.0</td></tr><tr><td>3</td><td>35.0</td><td>1225.0</td><td>36.0</td></tr><tr><td>4</td><td>35.0</td><td>1225.0</td><td>36.0</td></tr></table>		Age	sq_age	age_0ne	0	22.0	484.0	23.0	1	38.0	1444.0	39.0	2	26.0	676.0	27.0	3	35.0	1225.0	36.0	4	35.0	1225.0	36.0																																																																																																																																																																																																																																																						
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In [64]:	<pre>ps.sqlOf(""" select df.sex, df.ticket, df.sex df.ticket as ticket_sex from titanic_dataset as df limit 6""")</pre>																																																																																																																																																																																																																																																																														
Out [64]:	<table><tr><th></th><th>Sex</th><th>Ticket</th><th>ticket_sex</th></tr><tr><td>0</td><td>male</td><td>A/5 21171</td><td>maleA/5 21171</td></tr><tr><td>1</td><td>female</td><td>PC 17599</td><td>femalePC 17599</td></tr><tr><td>2</td><td>female</td><td>STON/O2 3101282</td><td>femaleSTON/O2 3101282</td></tr><tr><td>3</td><td>female</td><td>113803</td><td>female113803</td></tr><tr><td>4</td><td>male</td><td>373450</td><td>male373450</td></tr></table>		Sex	Ticket	ticket_sex	0	male	A/5 21171	maleA/5 21171	1	female	PC 17599	femalePC 17599	2	female	STON/O2 3101282	femaleSTON/O2 3101282	3	female	113803	female113803	4	male	373450	male373450																																																																																																																																																																																																																																																						
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In [69]:	<pre>ps.sqlOf(""" SELECT df.hano, df.PassengerID, df.Age, CASE WHEN df.Age IS NULL THEN '0_Missing' WHEN df.Age <18 THEN '1_1-17' WHEN df.Age <60 THEN '2_18-60' ELSE '9_others' END as age_bucket FROM titanic_dataset AS df LIMIT 5 """)</pre>																																																																																																																																																																																																																																																																														
Out [69]:	<table><tr><th></th><th></th><th>Name</th><th>PassengerId</th><th>Age</th><th>age_bucket</th></tr><tr><td>0</td><td></td><td>Braund, Mr. Owen Harris</td><td>1</td><td>22.0</td><td>2_18-60</td></tr><tr><td>1</td><td></td><td>Cummings, Mrs. John Bradley (Florence Briggs Th...</td><td>2</td><td>38.0</td><td>2_18-60</td></tr><tr><td>2</td><td></td><td>Heikkinen, Miss. Laina</td><td>3</td><td>26.0</td><td>2_18-60</td></tr><tr><td>3</td><td></td><td>Futrelle, Mrs. Jacques Heath (Lily May Peel)</td><td>4</td><td>35.0</td><td>2_18-60</td></tr><tr><td>4</td><td></td><td>Allen, Mr. William Henry</td><td>5</td><td>35.0</td><td>2_18-60</td></tr></table>			Name	PassengerId	Age	age_bucket	0		Braund, Mr. Owen Harris	1	22.0	2_18-60	1		Cummings, Mrs. John Bradley (Florence Briggs Th...	2	38.0	2_18-60	2		Heikkinen, Miss. Laina	3	26.0	2_18-60	3		Futrelle, Mrs. Jacques Heath (Lily May Peel)	4	35.0	2_18-60	4		Allen, Mr. William Henry	5	35.0	2_18-60																																																																																																																																																																																																																																										
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In [74]:	<pre>ps.sqlOf(""" select df.name, substr(df.name,2,4) as out from titanic_dataset as df limit 5 """)</pre>																																																																																																																																																																																																																																																																														
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