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C:\Users\Adhwaryu\AppData\Local\Programs\Python\Python39\python.exe "C:\Program Files\JetBrains\PyCharm Community Edition 2020.3.3\plugins\python-ce\helpers\pydev\pydevconsole.py" --mode=client --port=50687
```

```
import sys; print('Python %s on %s' % (sys.version, sys.platform))
sys.path.extend(['C:\\Users\\Adhwaryu\\PycharmProjects\\pythonProject\\BigData', 'C:/Users/Adhwaryu/PycharmProjects/pythonProject/BigData'])
```

```
Python 3.9.2 (tags/v3.9.2:1a79785, Feb 19 2021, 13:44:55) [MSC v.1928 64 bit (AMD64)]
Type 'copyright', 'credits' or 'license' for more information
IPython 7.22.0 -- An enhanced Interactive Python. Type '?' for help.
PyDev console: using IPython 7.22.0
```

```
Python 3.9.2 (tags/v3.9.2:1a79785, Feb 19 2021, 13:44:55) [MSC v.1928 64 bit (AMD64)] on win32
In[2]: runfile('C:/Users/Adhwaryu/PycharmProjects/pythonProject/BigData/BigData_Assignment1_u35864.py', wdir='C:/Users/Adhwaryu/PycharmProjects/pythonProject/BigData')
```

What is the number of unique name combinations?

Unnamed: 0	ID	Surname	Name	Age	Subscription_Date	
0	0	1	Pomme	Thomas	41.739359	1.588157e+09
1	1	2	Smith	Alok	54.831599	1.588168e+09
3	3	4	Stephenson	Zoe	22.968135	1.588159e+09
4	4	5	Mueller	Robert	33.137194	1.588163e+09
5	5	6	Meier	Agaba	16.000000	1.588156e+09

1032	1032	1033	Smith	Francine	39.107485	1.588165e+09
1054	1054	1055	Picard	Jordi	29.137517	1.588158e+09
1237	1237	1238	Gwahsi	Anna	24.565547	1.588156e+09
1426	1426	1427	Gwahsi	Robert	46.953465	1.588156e+09
1435	1435	1436	Kirk	Lee	36.604047	1.588166e+09

[252 rows x 6 columns]

- The number of unique name combination is 252

Who is the oldest user, who is the youngest?

Unnamed: 0	ID	Surname	Name	Age	Subscription_Date	
95556	95556	95557	Wellington	Andreas	76.537928	1.588171e+09

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74930	74930	74931	Bond	Hans	75.170181	1.588158e+09
58781	58781	58782	Kirk	Andreas	74.853238	1.588167e+09
5432	5432	5433	Stephenson	Alok	74.078734	1.588165e+09
10290	10290	10291	Meier	Franz	73.912538	1.588161e+09
...
48117	48117	48118	Picard	Simon	16.000000	1.588146e+09
33753	33753	33754	Bond	Agaba	16.000000	1.588145e+09
76730	76730	76731	Di Lillo	Jean-Luc	16.000000	1.588145e+09
17650	17650	17651	Roth	Zoe	16.000000	1.588145e+09
54034	54034	54035	Thronton	Sarah	16.000000	1.588144e+09

[100000 rows x 6 columns]

- The oldest user is Andreas Wellington with Age 76.53792805861912
- The youngest user is Sarah Thronton with Age 16.0

User Postings

UserID	Surname	Name	PostID
0	98633	Smith	Jordi 27
1	75756	Mueller	Josie 26
2	73297	Beierlorzer	Josie 26
3	87399	Pomme	Robert 25
4	84274	Pomme	Agaba 24
...
99988	68467	Wellington	Thomas 1
99989	37627	Stephenson	Anna 1
99990	77677	Wellington	Robert 1
99991	90758	Stephenson	Francine 1
99992	6468	Roth	Timothy 1

[99993 rows x 4 columns]

Who is the user with most postings?

- The user with most postings is Jordi Smith, No. of postings: 27

Who has the least amount of postings?

- The users with least postings (No. of postings: 1) are:

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Robert Meier
Timothy Di Lillo
Franz Wellington
Jordi Pomme
Zoe Di Lillo
Jordi Pomme
Agaba Picard
Simon Meier
Anna Roth
Hans Smith
Franz Bond
Hans Stephenson
Timothy Meier
Simon Thronton
Josie Meier
Zoe Gwahsi
Lee Di Lillo
Thomas Smith
Hans Bond
Robert Gwahsi
Agaba Mueller
Hans Pomme
Jordi Beierlorzer
Agaba Kirk
Anna Smith
Andreas Smith
Jordi Meier
Ali Stephenson
Ali Meier
Sarah Pomme
Andreas Beierlorzer
Sarah Stephenson
Josie Mueller
Jean-Luc Gwahsi
Agaba Pomme
Robert Meier
Josie Kirk

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Thomas Wellington
Anna Stephenson
Robert Wellington
Francine Stephenson
Timothy Roth

User written words

	UserID	Surname	Name	Wordcount
0	25160	Bond	Hans	2319
1	75756	Mueller	Josie	2260
2	86084	Meier	Agaba	2242
3	7549	Smith	Sarah	2204
4	41424	Wellington	Zoe	2202

99988	19283	Meier	Timothy	21
99989	91302	Kirk	Agaba	21
99990	32030	Di Lillo	Timothy	21
99991	54020	Stephenson	Hans	21
99992	52907	Bond	Franz	21

[99993 rows x 4 columns]

Which user has written most words?

- Hans Bond is the user with most written words with wordcount 2319

Which one has written the least?

- The users with least written words (wordcount: 21) are:

Robert Gwahsi
Robert Wellington
Timothy Roth
Timothy Meier
Agaba Kirk
Timothy Di Lillo
Hans Stephenson
Franz Bond

Task Done!