

```
TANVI KHAIR - RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help

Source
Console Background Jobs
R - R 4.5.2 - C:/TANVI KHAIR/
> library(stringr)
> library(tidyr)
> library(dplyr)
>
> titanic <- read.csv("Processed_Titanic_Data.csv")
>
> print("--- Original Dataset ---")
[1] "--- Original Dataset ---"
> print(head(titanic))
  primary_id survived pclass      name      sex age sibsp parch      ticket      fare      cabin embarked sex_code embarked_code
1          1         0       3 Braund, Mr. Owen Harris male  22   1     0      A/5 21171  7.2500   unknown      S           1           2
2          2         1       1 Cumings, Mrs. John Bradley (Florence Briggs Thayer) female  38   1     0      PC 17599  71.2833      C85      C           0           0
3          3         1       3 Heikkinen, Miss. Laina female  26   0     0 STON/O2. 3101282  7.9250   unknown      S           0           2
4          4         1       1 Futrelle, Mrs. Jacques Heath (Lily May Peel) female  35   1     0     113803  53.1000   C123      S           0           2
5          5         0       3 Allen, Mr. William Henry male  35   0     0     373450  8.0500   unknown      S           1           2
6          6         0       3 Moran, Mr. James male   0   0     0     330877  8.4583   unknown      Q           1           1

  ticket_code cabin_code name_code
1          523         147         108
2          596          81         190
3          669         147         353
4           49          55         272
5          472         147          15
6          275         147         554
>
> titanicTicket_Start <- str_sub(titanic$ticket, 1, 3)
> titanicTicket_End <- str_sub(titanic$ticket, -4, -1)
>
> print("--- Data after str_sub() ---")
[1] "--- Data after str_sub() ---"
> print(titanic %>% select(ticket, Ticket_Start, Ticket_End))
  ticket Ticket_Start Ticket_End
1      A/5 21171      A/5      1171
2      PC 17599      PC      7599
3 STON/O2. 3101282      STO      1282
4     113803      113      3803
5     373450      373      3450
6     330877      330      0877
7     17463      174      7463
8     349909      349      9909
9     347742      347      7742
10    237736      237      7736
11      PP 9549      PP      9549
12    113783      113      3783
13      A/5. 2151      A/5      2151
14    347082      347      7082
```

Source

ConsoleBackground Jobs

R 4.5.2 - C:/TANVI KHARU/

44	SC/Paris 2123	SC/	2123
45	330958	330	0958
46	S.C./A.4. 23567	S.C	3567
47	370371	370	0371
48	14311	143	4311
49	2662	266	2662
50	349237	349	9237
51	3101295	310	1295
52	A/4. 39886	A/4	9886
53	PC 17572	PC	7572
54	2926	292	2926
55	113509	113	3509
56	19947	199	9947
57	C.A. 31026	C.A	1026
58	2697	269	2697
59	C.A. 34651	C.A	4651
60	CA 2144	CA	2144
61	2669	266	2669
62	113572	113	3572
63	36973	369	6973
64	347088	347	7088
65	PC 17605	PC	7605
66	2661	266	2661
67	C.A. 29395	C.A	9395
68	S.P. 3464	S.P	3464
69	3101281	310	1281
70	315151	315	5151
71	C.A. 33111	C.A	3111
72	CA 2144	CA	2144
73	S.O.C. 14879	S.O	4879
74	2680	268	2680
75	1601	160	1601
76	348123	348	8123
77	349208	349	9208
78	374746	374	4746
79	248738	248	8738
80	364516	364	4516
81	345767	345	5767
82	345779	345	5779
83	330932	330	0932
84	113059	113	3059
85	SO/C 14885	SO/	4885
86	3101278	310	1278
87	W./C. 6608	W./	6608
88	SOTON/OQ 392086	SOT	2086

Source

ConsoleBackground Jobs

R 4.5.2 - C:/TANVI KHARU

109	349249	349	9249
110	371110	371	1110
111	110465	110	0465
112	2665	266	2665
113	324669	324	4669
114	4136	413	4136
115	2627	262	2627
116	STON/O 2. 3101294	STO	1294
117	370369	370	0369
118	11668	116	1668
119	PC 17558	PC	7558
120	347082	347	7082
121	S.O.C. 14879	S.O	4879
122	A4. 54510	A4.	4510
123	237736	237	7736
124	27267	272	7267
125	35281	352	5281
126	2651	265	2651
127	370372	370	0372
128	C 17369	C 1	7369
129	2668	266	2668
130	347061	347	7061
131	349241	349	9241
132	SOTON/O.Q. 3101307	SOT	1307
133	A/5. 3337	A/5	3337
134	228414	228	8414
135	C.A. 29178	C.A	9178
136	SC/PARIS 2133	SC/	2133
137	11752	117	1752
138	113803	113	3803
139	7534	753	7534
140	PC 17593	PC	7593
141	2678	267	2678
142	347081	347	7081
143	STON/O2. 3101279	STO	1279
144	365222	365	5222
145	231945	231	1945
146	C.A. 33112	C.A	3112
147	350043	350	0043
148	W./C. 6608	W./	6608
149	230080	230	0080
150	244310	244	4310
151	S.O.P. 1166	S.O	1166
152	113776	113	3776
153	A.S. 11706	A.S	1706

TANVI KHAIR - RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Source

Console Background Jobs

R - R 4.5.2 - C:/TANVI KHAIR/

	LINE	LIN	LINE
180			
181	CA. 2343	CA.	2343
182	SC/PARIS 2131	SC/	2131
183	347077	347	7077
184	230136	230	0136
185	315153	315	5153
186	113767	113	3767
187	370365	370	0365
188	111428	111	1428
189	364849	364	4849
190	349247	349	9247
191	234604	234	4604
192	28424	284	8424
193	350046	350	0046
194	230080	230	0080
195	PC 17610	PC	7610
196	PC 17569	PC	7569
197	368703	368	8703
198	4579	457	4579
199	370370	370	0370
200	248747	248	8747
201	345770	345	5770
202	CA. 2343	CA.	2343
203	3101264	310	1264
204	2628	262	2628
205	A/5 3540	A/5	3540
206	347054	347	7054
207	3101278	310	1278
208	2699	269	2699
209	367231	367	7231
210	112277	112	2277
211	SOTON/O.Q. 3101311	SOT	1311
212	F.C.C. 13528	F.C	3528
213	A/5 21174	A/5	1174
214	250646	250	0646
215	367229	367	7229
216	35273	352	5273
217	STON/O2. 3101283	STO	1283
218	243847	243	3847
219	11813	118	1813
220	W/C 14208	W/C	4208
221	SOTON/OQ 392089	SOT	2089
222	220367	220	0367
223	21440	214	1440
224	349234	349	9234

TANVI KHAIR - RStudio

File Edit Code View Plots Session Build Debug Profile Tools Help

Source

Console Background Jobs

R - R 4.5.2 - C:/TANVI KHAIR/

251	362316	362	2316
252	347054	347	7054
253	113514	113	3514
254	A/5. 3336	A/5	3336
255	370129	370	0129
256	2650	265	2650
257	PC 17585	PC	7585
258	110152	110	0152
259	PC 17755	PC	7755
260	230433	230	0433
261	384461	384	4461
262	347077	347	7077
263	110413	110	0413
264	112059	112	2059
265	382649	382	2649
266	C. A. 17248	C. A	7248
267	3101295	310	1295
268	347083	347	7083
269	PC 17582	PC	7582
270	PC 17760	PC	7760
271	113798	113	3798
272	LINE	LIN	LINE
273	250644	250	0644
274	PC 17596	PC	7596
275	370375	370	0375
276	13502	135	3502
277	347073	347	7073
278	239853	239	9853
279	382652	382	2652
280	C.A. 2673	C.A	2673
281	336439	336	6439
282	347464	347	7464
283	345778	345	5778
284	A/5. 10482	A/5	0482
285	113056	113	3056
286	349239	349	9239
287	345774	345	5774
288	349206	349	9206
289	237798	237	7798
290	370373	370	0373
291	19877	198	9877
292	11967	119	1967
293	SC/Paris 2163	SC/	2163
294	349236	349	9236
295	349233	349	9233

```
TANVI KHAIR - RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help

Source
Console Background Jobs
R - R 4.5.2 - C:/TANVI KHAIR/
320 16966 169 6966
321 A/5 21172 A/5 1172
322 349219 349 9219
323 234818 234 4818
324 248738 248 8738
325 CA. 2343 CA. 2343
326 PC 17760 PC 7760
327 345364 345 5364
328 28551 285 8551
329 363291 363 3291
330 111361 111 1361
331 367226 367 7226
332 113043 113 3043
333 PC 17582 PC 7582
[ reached 'max' / getOption("max.print") -- omitted 558 rows ]
>
> split_list <- str_split(titanic$name, ",")
> print("--- Basic Split Output (List format) ---")
[1] "--- Basic Split Output (List format) ---"
> print(split_list[[1]])
[1] "Braund"
>
> split_matrix <- str_split(titanic$name, ",", simplify = TRUE)
>
> titanic$last_name <- str_trim(split_matrix[, 1])
> titanic$remaining_name <- str_trim(split_matrix[, 2])
>
> print("--- Data after str_split() (Manual Assignment) ---")
[1] "--- Data after str_split() (Manual Assignment) ---"
> print(titanic %>% select(name, last_name, remaining_name))
      name                               last_name remaining_name
1 Braund, Mr. Owen Harris Braund Mr. Owen Harris
2 Cumings, Mrs. John Bradley (Florence Briggs Thayer) Cumings Mrs. John Bradley (Florence Briggs Thayer)
3 Heikkinen, Miss. Laina Heikkinen Miss. Laina
4 Futrelle, Mrs. Jacques Heath (Lily May Peel) Futrelle Mrs. Jacques Heath (Lily May Peel)
5 Allen, Mr. William Henry Allen Mr. William Henry
6 Moran, Mr. James Moran Mr. James
7 McCarthy, Mr. Timothy J McCarthy Mr. Timothy J
8 Palsson, Master. Gosta Leonard Palsson Master. Gosta Leonard
9 Johnson, Mrs. Oscar W (Elisabeth Vilhelmina Berg) Johnson Mrs. Oscar W (Elisabeth Vilhelmina Berg)
10 Nasser, Mrs. Nicholas (Adele Achen) Nasser Mrs. Nicholas (Adele Achen)
11 Sandstrom, Miss. Marguerite Rut Sandstrom Miss. Marguerite Rut
12 Bonnell, Miss. Elizabeth Bonnell Miss. Elizabeth
13 Saunderson, Mr. William Henry Saunderson Mr. William Henry
14 Andersson, Mr. Anders Johan Andersson Mr. Anders Johan
```

```
TANVI KHAIR - RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help

Source
Console Background Jobs
R - R 4.5.2 - C:/TANVI KHAIR/
53 Harper, Mrs. Henry Sleeper (Myna Haxtun) Harper Mrs. Henry Sleeper (Myna Haxtun)
54 Faunthorpe, Mrs. Lizzie (Elizabeth Anne Wilkinson) Faunthorpe Mrs. Lizzie (Elizabeth Anne Wilkinson)
55 Ostby, Mr. Engelhart Cornelius Ostby Mr. Engelhart Cornelius
56 Woolner, Mr. Hugh Woolner Mr. Hugh
57 Rugg, Miss. Emily Rugg Miss. Emily
58 Novel, Mr. Mansouer Novel Mr. Mansouer
59 West, Miss. Constance Mirium West Miss. Constance Mirium
60 Goodwin, Master. William Frederick Goodwin Master. William Frederick
61 Sirayanian, Mr. Orsen Sirayanian Mr. Orsen
62 Icard, Miss. Amelie Icard Miss. Amelie
63 Harris, Mr. Henry Birkhardt Harris Mr. Henry Birkhardt
64 Skoog, Master. Harald Skoog Master. Harald
65 Stewart, Mr. Albert A Stewart Mr. Albert A
66 Moubarek, Master. Gerios Moubarek Master. Gerios
67 Nye, Mrs. (Elizabeth Ramell) Nye Mrs. (Elizabeth Ramell)
68 Crease, Mr. Ernest James Crease Mr. Ernest James
69 Andersson, Miss. Erna Alexandra Andersson Miss. Erna Alexandra
70 Kink, Mr. Vincenz Kink Mr. Vincenz
71 Jenkin, Mr. Stephen Curnow Jenkin Mr. Stephen Curnow
72 Goodwin, Miss. Lillian Amy Goodwin Miss. Lillian Amy
73 Hood, Mr. Ambrose Jr Hood Mr. Ambrose Jr
74 Chronopoulos, Mr. Apostolos Chronopoulos Mr. Apostolos
75 Bing, Mr. Lee Bing Mr. Lee
76 Moen, Mr. Sigurd Hansen Moen Mr. Sigurd Hansen
77 Staneff, Mr. Ivan Staneff Mr. Ivan
78 Moutal, Mr. Rahamin Haim Moutal Mr. Rahamin Haim
79 Caldwell, Master. Alden Gates Caldwell Master. Alden Gates
80 Dowdell, Miss. Elizabeth Dowdell Miss. Elizabeth
81 Waelens, Mr. Achille Waelens Mr. Achille
82 Sheerlinck, Mr. Jan Baptist Sheerlinck Mr. Jan Baptist
83 McDermott, Miss. Bridget Delia McDermott Miss. Bridget Delia
84 Carrau, Mr. Francisco M Carrau Mr. Francisco M
85 Ilett, Miss. Bertha Ilett Miss. Bertha
86 Backstrom, Mrs. Karl Alfred (Maria Mathilda Gustafsson) Backstrom Mrs. Karl Alfred (Maria Mathilda Gustafsson)
87 Ford, Mr. William Neal Ford Mr. William Neal
88 Slocovski, Mr. Selman Francis Slocovski Mr. Selman Francis
89 Fortune, Miss. Mabel Helen Fortune Miss. Mabel Helen
90 Celotti, Mr. Francesco Celotti Mr. Francesco
91 Christmann, Mr. Emil Christmann Mr. Emil
92 Andreasson, Mr. Paul Edvin Andreasson Mr. Paul Edvin
93 Chaffee, Mr. Herbert Fuller Chaffee Mr. Herbert Fuller
94 Dean, Mr. Bertram Frank Dean Mr. Bertram Frank
95 Coxon, Mr. Daniel Coxon Mr. Daniel
96 Shorney, Mr. Charles Joseph Shorney Mr. Charles Joseph
97 Goldschmidt, Mr. George B Goldschmidt Mr. George B
```

TANVI KHAIR - RStudio			
File Edit Code View Plots Session Build Debug Profile Tools Help			
Source			
Console Background Jobs			
R - R 4.5.2 - C:/TANVI KHAIR/			
180	Leonard, Mr. Lionel	Leonard	Mr. Lionel
181	Sage, Miss. Constance Gladys	Sage	Miss. Constance Gladys
182	Pernot, Mr. Rene	Pernot	Mr. Rene
183	Asplund, Master. Clarence Gustaf Hugo	Asplund	Master. Clarence Gustaf Hugo
184	Becker, Master. Richard F	Becker	Master. Richard F
185	Kink-Heilmann, Miss. Luise Gretchen	Kink-Heilmann	Miss. Luise Gretchen
186	Rood, Mr. Hugh Roscoe	Rood	Mr. Hugh Roscoe
187	O'Brien, Mrs. Thomas (Johanna "Hannah" Godfrey)	O'Brien	Mrs. Thomas (Johanna "Hannah" Godfrey)
188	Romaine, Mr. Charles Hallace ("Mr C Rolmane")	Romaine	Mr. Charles Hallace ("Mr C Rolmane")
189	Bourke, Mr. John	Bourke	Mr. John
190	Turcin, Mr. Stjepan	Turcin	Mr. Stjepan
191	Pinsky, Mrs. (Rosa)	Pinsky	Mrs. (Rosa)
192	Carbines, Mr. William	Carbines	Mr. William
193	Andersen-Jensen, Miss. Carla Christine Nielsine	Andersen-Jensen	Miss. Carla Christine Nielsine
194	Navratil, Master. Michel M	Navratil	Master. Michel M
195	Brown, Mrs. James Joseph (Margaret Tobin)	Brown	Mrs. James Joseph (Margaret Tobin)
196	Lurette, Miss. Elise	Lurette	Miss. Elise
197	Mernagh, Mr. Robert	Mernagh	Mr. Robert
198	Olsen, Mr. Karl Siegwart Andreas	Olsen	Mr. Karl Siegwart Andreas
199	Madigan, Miss. Margaret "Maggie"	Madigan	Miss. Margaret "Maggie"
200	Yrois, Miss. Henriette ("Mrs Harbeck")	Yrois	Miss. Henriette ("Mrs Harbeck")
201	Vande Walle, Mr. Nestor Cyriel	Vande Walle	Mr. Nestor Cyriel
202	Sage, Mr. Frederick	Sage	Mr. Frederick
203	Johanson, Mr. Jakob Alfred	Johanson	Mr. Jakob Alfred
204	Youseff, Mr. Gerious	Youseff	Mr. Gerious
205	Cohen, Mr. Gurshon "Gus"	Cohen	Mr. Gurshon "Gus"
206	Strom, Miss. Telma Matilda	Strom	Miss. Telma Matilda
207	Backstrom, Mr. Karl Alfred	Backstrom	Mr. Karl Alfred
208	Albimona, Mr. Nassef Cassem	Albimona	Mr. Nassef Cassem
209	Carr, Miss. Helen "Ellen"	Carr	Miss. Helen "Ellen"
210	Blank, Mr. Henry	Blank	Mr. Henry
211	Ali, Mr. Ahmed	Ali	Mr. Ahmed
212	Cameron, Miss. Clear Annie	Cameron	Miss. Clear Annie
213	Perkin, Mr. John Henry	Perkin	Mr. John Henry
214	Givard, Mr. Hans Kristensen	Givard	Mr. Hans Kristensen
215	Kiernan, Mr. Philip	Kiernan	Mr. Philip
216	Newell, Miss. Madeleine	Newell	Miss. Madeleine
217	Honkanen, Miss. Eliina	Honkanen	Miss. Eliina
218	Jacobsohn, Mr. Sidney Samuel	Jacobsohn	Mr. Sidney Samuel
219	Bazzani, Miss. Albina	Bazzani	Miss. Albina
220	Harris, Mr. Walter	Harris	Mr. Walter
221	Sunderland, Mr. Victor Francis	Sunderland	Mr. Victor Francis
222	Bracken, Mr. James H	Bracken	Mr. James H
223	Green, Mr. George Henry	Green	Mr. George Henry
224	Nenkoff, Mr. Christo	Nenkoff	Mr. Christo

TANVI KHAIR - RStudio			
File Edit Code View Plots Session Build Debug Profile Tools Help			
Source			
Console Background Jobs			
R - R 4.5.2 - C:/TANVI KHAIR/			
240	Hunt, Mr. George Henry	Hunt	Mr. George Henry
241	Zabour, Miss. Thamine	Zabour	Miss. Thamine
242	Murphy, Miss. Katherine "Kate"	Murphy	Miss. Katherine "Kate"
243	Coleridge, Mr. Reginald Charles	Coleridge	Mr. Reginald Charles
244	Maenpaa, Mr. Matti Alexanteri	Maenpaa	Mr. Matti Alexanteri
245	Attalah, Mr. Sleiman	Attalah	Mr. Sleiman
246	Minahan, Dr. William Edward	Minahan	Dr. William Edward
247	Lindahl, Miss. Agda Thorilda Viktori	Lindahl	Miss. Agda Thorilda Viktori
248	Hamalainen, Mrs. William (Anna)	Hamalainen	Mrs. William (Anna)
249	Beckwith, Mr. Richard Leonard	Beckwith	Mr. Richard Leonard
250	Carter, Rev. Ernest Courtenay	Carter	Rev. Ernest Courtenay
251	Reed, Mr. James George	Reed	Mr. James George
252	Strom, Mrs. Wilhelm (Elna Matilda Persson)	Strom	Mrs. Wilhelm (Elna Matilda Persson)
253	Stead, Mr. William Thomas	Stead	Mr. William Thomas
254	Lobb, Mr. William Arthur	Lobb	Mr. William Arthur
255	Rosblom, Mrs. Viktor (Helena Wilhelmina)	Rosblom	Mrs. Viktor (Helena Wilhelmina)
256	Touma, Mrs. Darwis (Hanne Youssef Razi)	Touma	Mrs. Darwis (Hanne Youssef Razi)
257	Thorne, Mrs. Gertrude Maybelle	Thorne	Mrs. Gertrude Maybelle
258	Cherry, Miss. Gladys	Cherry	Miss. Gladys
259	Ward, Miss. Anna	Ward	Miss. Anna
260	Parrish, Mrs. (Lutie Davis)	Parrish	Mrs. (Lutie Davis)
261	Smith, Mr. Thomas	Smith	Mr. Thomas
262	Asplund, Master. Edvin Rojj Felix	Asplund	Master. Edvin Rojj Felix
263	Taussig, Mr. Emil	Taussig	Mr. Emil
264	Harrison, Mr. William	Harrison	Mr. William
265	Henry, Miss. Delia	Henry	Miss. Delia
266	Reeves, Mr. David	Reeves	Mr. David
267	Panula, Mr. Ernesti Arvid	Panula	Mr. Ernesti Arvid
268	Persson, Mr. Ernst Ulrik	Persson	Mr. Ernst Ulrik
269	Graham, Mrs. William Thompson (Edith Junkins)	Graham	Mrs. William Thompson (Edith Junkins)
270	Bissette, Miss. Amelia	Bissette	Miss. Amelia
271	Cairns, Mr. Alexander	Cairns	Mr. Alexander
272	Tornquist, Mr. William Henry	Tornquist	Mr. William Henry
273	Mellinger, Mrs. (Elizabeth Anne Malden)	Mellinger	Mrs. (Elizabeth Anne Malden)
274	Natsch, Mr. Charles H	Natsch	Mr. Charles H
275	Healy, Miss. Hanora "Nora"	Healy	Miss. Hanora "Nora"
276	Andrews, Miss. Kornelia Theodosia	Andrews	Miss. Kornelia Theodosia
277	Lindblom, Miss. Augusta Charlotta	Lindblom	Miss. Augusta Charlotta
278	Parkes, Mr. Francis "Frank"	Parkes	Mr. Francis "Frank"
279	Rice, Master. Eric	Rice	Master. Eric
280	Abbott, Mrs. Stanton (Rosa Hunt)	Abbott	Mrs. Stanton (Rosa Hunt)
281	Duane, Mr. Frank	Duane	Mr. Frank
282	Olsson, Mr. Nils Johan Goransson	Olsson	Mr. Nils Johan Goransson
283	de Pelsmaeker, Mr. Alfons	de Pelsmaeker	Mr. Alfons
284	Dorking, Mr. Edward Arthur	Dorking	Mr. Edward Arthur

```
TANVI KHAIR - RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help

Source
Console Background Jobs
R - R 4.5.2 - C:/TANVI KHAIR/
315 Hart, Mr. Benjamin Hart Mr. Benjamin
316 Nilsson, Miss. Helmina Josefina Nilsson Miss. Helmina Josefina
317 Kantor, Mrs. Sinai (Miriam Sternin) Kantor Mrs. Sinai (Miriam Sternin)
318 Moraweck, Dr. Ernest Moraweck Dr. Ernest
319 Wick, Miss. Mary Natalie Wick Miss. Mary Natalie
320 Spedden, Mrs. Frederic Oakley (Margaretta Corning Stone) Spedden Mrs. Frederic Oakley (Margaretta Corning Stone)
321 Dennis, Mr. Samuel Dennis Mr. Samuel
322 Danoff, Mr. Yoto Danoff Mr. Yoto
323 Slayter, Miss. Hilda Mary Slayter Miss. Hilda Mary
324 Caldwell, Mrs. Albert Francis (Sylvia Mae Harbaugh) Caldwell Mrs. Albert Francis (Sylvia Mae Harbaugh)
325 Sage, Mr. George John Jr Sage Mr. George John Jr
326 Young, Miss. Marie Grice Young Miss. Marie Grice
327 Nysveen, Mr. Johan Hansen Nysveen Mr. Johan Hansen
328 Ball, Mrs. (Ada E Hall) Ball Mrs. (Ada E Hall)
329 Goldsmith, Mrs. Frank John (Emily Alice Brown) Goldsmith Mrs. Frank John (Emily Alice Brown)
330 Hippach, Miss. Jean Gertrude Hippach Miss. Jean Gertrude
331 McCoy, Miss. Agnes McCoy Miss. Agnes
332 Partner, Mr. Austen Partner Mr. Austen
333 Graham, Mr. George Edward Graham Mr. George Edward
[ reached 'max' / getOption("max.print") -- omitted 558 rows ]
>
> tidy_titanic <- titanic %>%
+ separate(ticket, into = c("Ticket_Prefix", "Ticket_Number"), sep = " ", fill = "right", extra = "merge")
>
> print("--- Bonus: The 'separate' function (easier splitting) ---")
[1] "--- Bonus: The 'separate' function (easier splitting) ---"
> print(tidy_titanic %>% select(Ticket_Prefix, Ticket_Number))
Ticket_Prefix Ticket_Number
1 A/S 21171
2 PC 17599
3 STON/O2. 3101282
4 113803 <NA>
5 373450 <NA>
6 330877 <NA>
7 17463 <NA>
8 349909 <NA>
9 347742 <NA>
10 237736 <NA>
11 PP 9549
12 113783 <NA>
13 A/S. 2151
14 347082 <NA>
15 350406 <NA>
16 248706 <NA>
17 382652 <NA>
```

```
TANVI KHAIR - RStudio
File Edit Code View Plots Session Build Debug Profile Tools Help

Source
Console Background Jobs
R - R 4.5.2 - C:/TANVI KHAIR/
459 F.C.C. 13531
460 371060 <NA>
461 19952 <NA>
462 364506 <NA>
463 111320 <NA>
464 234360 <NA>
465 A/S 2816
466 SOTON/O.Q. 3101306
467 239853 <NA>
468 113792 <NA>
469 36209 <NA>
470 2666 <NA>
471 323592 <NA>
472 315089 <NA>
473 C. A. 34651
474 SC/AH Basile 541
475 7553 <NA>
476 110465 <NA>
477 31027 <NA>
478 3460 <NA>
479 350060 <NA>
480 3101298 <NA>
481 CA 2144
482 239854 <NA>
483 A/S 3594
484 4134 <NA>
485 11967 <NA>
486 4133 <NA>
487 19943 <NA>
488 11771 <NA>
489 A. S. 18509
490 C. A. 37671
491 65304 <NA>
492 SOTON/OQ 3101317
493 113787 <NA>
494 PC 17609
495 A/4 45380
496 2627 <NA>
497 36947 <NA>
498 C. A. 6212
499 113781 <NA>
500 350035 <NA>
[ reached 'max' / getOption("max.print") -- omitted 391 rows ]
>
```