

TidyVerse CREATE assignment

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GitHub: <https://github.com/seung-m1nsong/607>

rpubs: <https://rpubs.com/seungm1nsong/963598>

The tidyverse is quickly replacing the original R syntax with the advantage of being able to write intuitive code. The tidyverse package is a package that helps you install and load R packages that follow the tidy data paradigm at once. tidyverse is a package that installs and manages core packages belonging to the tidy package ecosystem, such as dplyr tidyr ggplot2, at once.

Intuitive code: %>% operator

If I had to pick just one of the most important things in the tidyverse ecosystem, I would choose the %>% operator from the magrittr package. %>% can be entered with the shortcut Ctrl + Shift + M (OS X: Cmd + Shift + M) in Rstudio, and by using this, you can code in a stream of consciousness and write intuitive code. Let's find out the advantages of %>% through the head function.

```
dfdata <- read.csv(file = 'car_purchasing.csv', header = TRUE)
```

```
## head(dfdata)
```

```
dfdata %>% head
```

```
##      customer.name                                customer.e.mail
## 1  Martina Avila      cubilia.Curae.Phasellus@quisaccumsanconvallis.edu
## 2   Harlan Barnes                                eu.dolor@diam.co.uk
## 3 Naomi Rodriguez vulputate.mauris.sagittis@ametconsectetueradipiscing.co.uk
## 4  Jade Cunningham                                malesuada@dignissim.com
## 5   Cedric Leach      felis.ullamcorper.viverra@egetmollislectus.net
```

```
## 6      Carla Hester                                mi@Aliquamerat.edu
##      country gender age annual_Salary credit_card_debt net_worth
## 1      Bulgaria      0  42      62812.09      11609.38 238961.2
## 2        Belize      0  41      66646.89      9572.96 530973.9
## 3        Algeria      1  43      53798.55      11160.36 638467.2
## 4 Cook Islands      1  58      79370.04      14426.16 548599.1
## 5        Brazil      1  57      59729.15      5358.71 560304.1
## 6        Liberia      1  57      68499.85      14179.47 428485.4
##      car_purchase_amount
## 1              35321.46
## 2              45115.53
## 3              42925.71
## 4              67422.36
## 5              55915.46
## 6              56612.00
```

```
dfdata %>% head(n = 10)
```

```
##      customer.name                                customer.e.mail
## 1      Martina Avila      cubilia.Curae.Phasellus@quisaccumsanconvallis.edu
## 2      Harlan Barnes                                eu.dolor@diam.co.uk
## 3 Naomi Rodriguez vulputate.mauris.sagittis@ametconsectetueradipiscing.co.uk
## 4      Jade Cunningham                                malesuada@dignissim.com
## 5      Cedric Leach      felis.ullamcorper.viverra@egetmollislectus.net
## 6      Carla Hester                                mi@Aliquamerat.edu
## 7      Griffin Rivera                                vehicula@at.co.uk
## 8      Orli Casey      nunc.est.mollis@Suspendissetristiqueneque.co.uk
## 9      Marny Obrien                                Phasellus@sedsemegestas.org
## 10 Rhonda Chavez      nec@nuncest.com
##      country gender age annual_Salary credit_card_debt net_worth
## 1      Bulgaria      0  42      62812.09      11609.38 238961.2
## 2        Belize      0  41      66646.89      9572.96 530973.9
## 3        Algeria      1  43      53798.55      11160.36 638467.2
## 4 Cook Islands      1  58      79370.04      14426.16 548599.1
## 5        Brazil      1  57      59729.15      5358.71 560304.1
## 6        Liberia      1  57      68499.85      14179.47 428485.4
## 7        Syria      1  47      39814.52      5958.46 326373.2
```

```
## 8 Czech Republic      1  50      51752.23      10985.70  629312.4
## 9      Armenia        0  47      58139.26      3440.82  630059.0
## 10     Somalia        1  43      53457.10     12884.08  476643.3
##      car_purchase_amount
## 1          35321.46
## 2          45115.53
## 3          42925.71
## 4          67422.36
## 5          55915.46
## 6          56612.00
## 7          28925.71
## 8          47434.98
## 9          48013.61
## 10         38189.51
```

This command is much more intuitive than the existing `head(subset(a, State == "NY"))` as it shows the head by selecting only *NY* from *dfdata*.

```
## head(subset(a, gender == "1"))
dfdata %>% subset(gender == "1") %>% head
```

```
##      customer.name                                customer.e.mail
## 3 Naomi Rodriguez vulputate.mauris.sagittis@ametconsectetueradipiscing.co.uk
## 4 Jade Cunningham                                malesuada@dignissim.com
## 5   Cedric Leach                                felis.ullamcorper.viverra@egetmollislectus.net
## 6   Carla Hester                                mi@Aliquamerat.edu
## 7 Griffin Rivera                                vehicula@at.co.uk
## 8   Orli Casey                                nunc.est.mollis@Suspendissetriqueteneque.co.uk
##      country gender age annual_Salary credit_card_debt net_worth
## 3   Algeria      1  43      53798.55      11160.36  638467.2
## 4 Cook Islands      1  58      79370.04      14426.16  548599.1
## 5   Brazil        1  57      59729.15      5358.71  560304.1
## 6   Liberia        1  57      68499.85      14179.47  428485.4
## 7   Syria          1  47      39814.52      5958.46  326373.2
## 8 Czech Republic      1  50      51752.23      10985.70  629312.4
##      car_purchase_amount
## 3          42925.71
```

```
## 4          67422.36
## 5          55915.46
## 6          56612.00
## 7          28925.71
## 8          47434.98
```

Data Cleanup: dplyr

dplyr provides a set of functions to manipulate data effectively. Of these, `group_by` and `summarize` provide a differentiated value from the existing R syntax by easily showing summary statistics for each group.

filter

`filter` is the same function as the `subset` function, and is used to filter data by specific conditions. Below is an example of extracting only men from the data.

```
dfdata %>% filter(gender == "1")
```

```
##      customer.name
## 1    Naomi Rodriquez
## 2    Jade Cunningham
## 3      Cedric Leach
## 4      Carla Hester
## 5    Griffin Rivera
## 6      Orli Casey
## 7    Rhonda Chavez
## 8      Jerome Rowe
## 9      Akeem Gibson
## 10   Thomas Williams
## 11   Stephen Lindsey
## 12      Sloane Mann
## 13   Blythe Romero
## 14      Nola Wiggins
## 15   Micah Wheeler
## 16   Gemma Hendrix
```

## 17	Castor Wood
## 18	Herman Stevenson
## 19	Adrienne Bolton
## 20	Dahlia Cleveland
## 21	Amery Cortez
## 22	Uriel Bradshaw
## 23	Christopher Stevens
## 24	Lael Wright
## 25	Eric Noel
## 26	Tamara Guy
## 27	Lee Taylor
## 28	Reese Vance
## 29	Magee Davidson
## 30	Francesca Cervantes
## 31	Rafael Peterson
## 32	Marny Vargas
## 33	Charlotte Waller
## 34	Dorian Hernandez
## 35	Armando Hensley
## 36	Rowan Kidd
## 37	Lev Kramer
## 38	Nissim Acosta
## 39	Miranda Berry
## 40	Owen Jacobson
## 41	Matthew Colon
## 42	Quinlan Harris
## 43	Orson Kirby
## 44	Adria Mathis
## 45	Cally Montoya
## 46	Ila Farrell
## 47	Abel Stanton
## 48	September Puckett
## 49	Teegan Barr
## 50	Alexander York
## 51	Eagan Woodward
## 52	Ferdinand Weber

## 53	Kitra Kerr
## 54	Desirae Stone
## 55	Len Phillips
## 56	Martina Fuentes
## 57	Ariana Nash
## 58	Holmes Lane
## 59	Travis Burks
## 60	Otto Oneill
## 61	Brian Mathews
## 62	Wing Gray
## 63	Lionel McClure
## 64	Wing Parks
## 65	Oleg Gordon
## 66	Jamal Stephenson
## 67	Victor Yang
## 68	Quamar Cummings
## 69	Dominic Hughes
## 70	Vernon Kidd
## 71	Marvin Deleon
## 72	Ulysses Craig
## 73	Oren Rosario
## 74	Hector Bowers
## 75	Benedict Serrano
## 76	Yoshio Potter
## 77	Stone Koch
## 78	Tanner Johnson
## 79	Cain Love
## 80	Allen Burke
## 81	Reuben Holden
## 82	Orson Hyde
## 83	Nolan Conner
## 84	Stuart Reed
## 85	Hop Farley
## 86	Hector Price
## 87	Holmes Irwin
## 88	Baker Norton

## 89	Hakeem Mendoza
## 90	Peter Maynard
## 91	Isaiah Harding
## 92	Graiden Powell
## 93	Chancellor Padilla
## 94	Cameron Cash
## 95	Alan Browning
## 96	Chancellor Patel
## 97	Palmer Cohen
## 98	Ahmed Wright
## 99	Nero Miranda
## 100	Ali Strong
## 101	August Duncan
## 102	Malachi Henson
## 103	Seth Massey
## 104	Ulric Robles
## 105	Gannon Marquez
## 106	Christian Hernandez
## 107	Jelani F. Pace
## 108	Tiger I. Melton
## 109	Hammett A. Manning
## 110	Vaughan L. Mathis
## 111	Alfreda V. Harrell
## 112	Velma K. Moses
## 113	Lael W. Sheppard
## 114	Quinlan S. Cantu
## 115	Mariam I. Montgomery
## 116	Lynn S. Avery
## 117	Laurel H. Snow
## 118	Shad K. Hancock
## 119	Harding E. York
## 120	Indira A. Aguilar
## 121	Bell K. Romero
## 122	Samson N. Wagner
## 123	Len B. Finley
## 124	Cody G. Gill

125 Kyle R. Kaufman
 ## 126 Drake D. Gray
 ## 127 Honorato M. Butler
 ## 128 Tate C. Foster
 ## 129 Zane I. Boone
 ## 130 Zahir A. Estes
 ## 131 Serena B. Moody
 ## 132 Mark V. Vaughn
 ## 133 Kylee O. Warner
 ## 134 Lana S. Pace
 ## 135 Brendan G. Kelley
 ## 136 Shaeleigh M. Mckenzie
 ## 137 Damon K. Boone
 ## 138 Taylor A. Patel
 ## 139 Lillith H. Larsen
 ## 140 Tobias L. Sullivan
 ## 141 Heather G. Goodwin
 ## 142 Yardley W. Jacobson
 ## 143 Chester X. Carrillo
 ## 144 Leila F. Hubbard
 ## 145 Hammett F. Marsh
 ## 146 Calvin A. Lancaster
 ## 147 Rachel H. Ballard
 ## 148 Quinlan U. Sears
 ## 149 Odette Q. Sherman
 ## 150 Kirestin F. Yang
 ## 151 Rachel E. Suarez
 ## 152 Derek X. Richards
 ## 153 Evangeline G. Cooper
 ## 154 Kieran G. Justice
 ## 155 Zenia H. Patel
 ## 156 Michelle R. Burke
 ## 157 England, Abel D.
 ## 158 Chambers, Avram C.
 ## 159 Cervantes, Rylee Q.
 ## 160 Ashley, Macon Z.

161 Bond, Caryn Y.
 ## 162 Rivers, Sonya A.
 ## 163 Rush, Jarrod T.
 ## 164 Cameron, Kimberley P.
 ## 165 Dalton, Grant D.
 ## 166 Gregory, Reuben Z.
 ## 167 Schultz, Lee I.
 ## 168 McClure, Avey L.
 ## 169 Sexton, Shaeleigh H.
 ## 170 Langley, Skyler J.
 ## 171 Olson, Riley O.
 ## 172 Terry, Mollie K.
 ## 173 Dudley, Ryder M.
 ## 174 Holloway, Brennan Q.
 ## 175 Powers, Naomi B.
 ## 176 Armstrong, Naomi D.
 ## 177 Reese, Sylvia H.
 ## 178 Burke, Simon H.
 ## 179 Levy, Wesley S.
 ## 180 Mcdaniel, Marcia Z.
 ## 181 Sims, Tashya J.
 ## 182 Lawrence, Hope Z.
 ## 183 Jenkins, Hasad P.
 ## 184 Blair, Abra U.
 ## 185 Rosario, Elijah N.
 ## 186 Ruiz, Rafael L.
 ## 187 Macdonald, Rahim B.
 ## 188 Valdez, Joy U.
 ## 189 Cote, Evangeline F.
 ## 190 Delgado, Jasper U.
 ## 191 Hardy, Hilary R.
 ## 192 Daugherty, Veda M.
 ## 193 Houston, Grant O.
 ## 194 Lewis, Jackson U.
 ## 195 Smith, Nola H.
 ## 196 Bradford, Daquan F.

## 197	Blackburn, Joel Y.
## 198	Sanders, Selma F.
## 199	Holmes, Ross Y.
## 200	Munoz, Kennedy K.
## 201	Little, Hayley R.
## 202	Wolf, Tashya X.
## 203	Barr, Hyatt D.
## 204	Hopper, Orson W.
## 205	Decker, Jolie T.
## 206	Ross, Kermit D.
## 207	Melodie
## 208	Caldwell
## 209	Donovan
## 210	Illana
## 211	Walter
## 212	Dexter
## 213	Hyatt
## 214	Stone
## 215	Josiah
## 216	Nathan
## 217	Reed
## 218	Curran
## 219	Leroy
## 220	Jelani
## 221	Madeson
## 222	Uriah
## 223	Brady
## 224	Ora
## 225	Kristen
## 226	Camden
## 227	Jolene
## 228	Holly
## 229	Wayne
## 230	Dennis
## 231	Kaitlin
## 232	Paula

## 233	Tamekah
## 234	Veda
## 235	Seth
## 236	Hillary
## 237	Rogan
## 238	Edward
## 239	Zephania
## 240	Brock
## 241	Serena
## 242	Isabella
## 243	Mia
## 244	Heather
## 245	Justine
## 246	Dolan
## 247	Cheryl
## 248	Jonah
## 249	Merrill
## 250	Vanna
## 251	Pearl
## 252	Nell
## 253	Marla
##	customer.e.mail
## 1	vulputate.mauris.sagittis@ametconsectetueradipiscing.co.uk
## 2	malesuada@dignissim.com
## 3	felis.ullamcorper.viverra@egetmollislectus.net
## 4	mi@Aliquamerat.edu
## 5	vehicula@at.co.uk
## 6	nunc.est.mollis@Suspendissetristiqueneque.co.uk
## 7	nec@nuncest.com
## 8	ipsum.cursus@dui.org
## 9	turpis.egestas.Fusce@purus.edu
## 10	aliquet.molestie@ut.org
## 11	erat.eget.ipsum@tinciduntpede.org
## 12	at.augue@augue.net
## 13	Sed.eu@risusNuncac.co.uk
## 14	Aliquam@augue.edu

15 arcu.eu@tincidunt.org
16 lobortis@non.co.uk
17 velit.Pellentesque@Nulla.net
18 sociosqu.ad.litora@erat.com
19 dictum@magnaPraesent.ca
20 tincidunt.tempus@idsapien.co.uk
21 semper.et.lacinia@Morbiquisurna.ca
22 ultrices@Integersemelit.com
23 blandit.enim@lacusvariuset.org
24 a@consequatpurusMaecenas.com
25 lacinia.at.iaculis@Fuscefermentumfermentum.edu
26 nec.eleifend@orci.org
27 Vivamus.nisi.Mauris@miAliquam.co.uk
28 egestas@malesuadavelvenenatis.com
29 Quisque@tempor.net
30 leo@sitametdapibus.edu
31 lectus.a.sollicitudin@tortorat.net
32 nonummy.Fusce.fermentum@ligula.org
33 odio@Nuncac.org
34 conubia.nostra.per@diam.co.uk
35 Class.aptent@torquentper.com
36 sapien.Aenean.massa@adipiscing.ca
37 eu.odio@tristique.org
38 enim@at.net
39 lorem@necmauris.ca
40 ac.orci@Etiamimperdietdictum.edu
41 facilisis@Nullainterdum.edu
42 libero.nec@adipiscing.org
43 cursus@nectellus.co.uk
44 Aliquam.rutrum.lorem@Donec.net
45 sit@pedeCum.ca
46 lacus@velit.edu
47 eu.lacus.Quisque@congue.edu
48 tincidunt@consequatpurusMaecenas.net
49 non.lorem.vitae@eratVivamus.org
50 eu.odio.Phasellus@ipsumporta.edu

51 varius.et@Maecenas.edu
52 metus.Vivamus@vitaeposuiere.org
53 scelerisque@Vivamusnon.co.uk
54 Morbi.sit@Aliquamfringilla.ca
55 libero.lacus@Suspendisessedolor.net
56 elit@nequeIn.com
57 vel.turpis.Aliquam@consequatpurus.edu
58 ac.orci@accumsaninterdum.co.uk
59 dictum@liberolacusvarius.ca
60 arcu.Morbi.sit@elementum.ca
61 vulputate.mauris.sagittis@orciluctus.com
62 urna.nec@tempusscelerisquelorem.org
63 odio.auctor.vitae@placeratorcilacus.edu
64 sagittis@magnased.ca
65 Nunc.sollicitudin.commodo@blanditat.co.uk
66 lorem.lorem@in.edu
67 arcu.Vivamus.sit@egestasSed.com
68 mauris@convallisconvallisdolor.co.uk
69 cursus.vestibulum.Mauris@pedenonummy.com
70 sapien.imperdiet.ornare@vitaeerat.edu
71 lectus.Nullam@congueelitSed.ca
72 sit.amet@orci.ca
73 ultrices.Vivamus.rhuncus@lacusMauris.net
74 eget@Morbiquisurna.co.uk
75 blandit.viverra@mollisDuis.co.uk
76 fringilla.cursus.purus@dolorvitae.ca
77 facilisis.Suspendisse@Duisit.ca
78 blandit.at@vulputateullamcorpermagna.org
79 est.mollis.non@placerat.com
80 eu.ultrices@In.edu
81 pede.nonummy@Vivamusnonlorem.co.uk
82 gravida.sit@eget.net
83 feugiat@felisNulla.org
84 elementum@SeddictumProin.net
85 in@et.co.uk
86 Aliquam.nisl@semegetmassa.co.uk

87 Nunc.sed.orci@Namligulaelit.net
88 convallis@purus.net
89 Maecenas@scelerisque lorem.ca
90 vel.est.tempor@egetvenenatisa.com
91 pede.blandit@disparturient.net
92 pellentesque.tellus@faucibusidlibero.com
93 pharetra@nuncsedlibero.edu
94 auctor@ipsum.org
95 purus@Sed.ca
96 metus.eu.erat@suscipitnonummy.com
97 non.leo@mollis.net
98 consecratur@auctorodio.com
99 semper@vulputateposuere.net
100 dis.parturient.montes@eratvel.com
101 tempor.bibendum@Nuncpulvinar.co.uk
102 adipiscing.elit@Nunc.com
103 in.aliquet@fermentumvel.com
104 fringilla@ornare.edu
105 Aliquam@porttitor.net
106 dolor@vehiculaPellentesque.co.uk
107 Morbi@atarcuVestibulum.co.uk
108 rhoncus@nisl.net
109 sapien.cursus.in@netus.edu
110 eu@iaculis.org
111 molestie@mi.net
112 augue.scelerisque@luctuslobortis.com
113 eu.metus@sodalespurusin.net
114 pede.Praesent.eu@Aliquam.net
115 vel.mauris@accumsanneque.co.uk
116 dui.Suspendisse.ac@Sedegetlacus.net
117 dui.Suspendisse.ac@tacitisociosqu.org
118 sit.amet@Proin.org
119 quis.lectus.Nullam@egestas.org
120 erat.Sed.nunc@aneque.ca
121 non.sapien.molestie@rhoncus.edu
122 magna@sagittisaugueeu.org

123 dis@dis.edu
124 sagittis.Nullam@acrisus.com
125 Morbi.vehicula@mattis.org
126 orci.consectetuer@porttitor.com
127 Cum.sociis.natoque@purus.ca
128 dignissim.magna@Maurisvel.edu
129 blandit@Cum.edu
130 eleifend.vitae@Pellentesquehabitantmorbi.ca
131 vitae.risus.Duis@hymenaeos.edu
132 Morbi.vehicula@ac.net
133 cursus.in@neque.co.uk
134 augue@orci.com
135 vel@lorem.org
136 diam.lorem.auctor@estmollisnon.net
137 nec@ad.net
138 erat.vitae.risus@temporarcu.edu
139 dignissim.lacus.Aliquam@maurissapien.com
140 tempus.non@nasceturridiculus.ca
141 semper.egestas@maurissapien.co.uk
142 enim.non.nisi@Ut.net
143 tempor.erat.neque@ac.com
144 ultrices.posuere.cubilia@magnisdis.com
145 tempus.scelerisque@maurisaliquam.ca
146 ante.bibendum.ullamcorper@fringilla.net
147 ipsum.leo.elementum@amet.org
148 magna@velarcueu.ca
149 Mauris.molestie@Intincidunt.co.uk
150 eleifend.egestas.Sed@tempus.net
151 non.vestibulum.nec@euturpis.co.uk
152 tincidunt@porttitor.com
153 Integer.id.magna@Sedidrisus.org
154 in@Sed.co.uk
155 dis@tortor.com
156 dui@justo.ca
157 enim.commodo@parturientmontesnascetur.org
158 Nunc.pulvinar.arcu@ultricesaauctor.ca

159 luctus.lobortis.Class@sitametdapibus.co.uk
 ## 160 metus.Vivamus.euismod@arcuVivamus.co.uk
 ## 161 libero.Proin@acnulla.net
 ## 162 vel.lectus@Praesent.net
 ## 163 vestibulum.nec.euismod@netusetmalesuada.ca
 ## 164 nec.tellus@lacinia.co.uk
 ## 165 velit@doloregestas.net
 ## 166 fermentum@blanditviverra.ca
 ## 167 velit.eget.laoreet@quis.ca
 ## 168 dictum@lorem.org
 ## 169 Cras.convallis.convallis@Fuscealiquam.net
 ## 170 mi.eleifend.egestas@cursuset.net
 ## 171 ornare.sagittis@hendrerit.ca
 ## 172 quam.dignissim.pharetra@aauctornon.ca
 ## 173 sed@sedtortor.co.uk
 ## 174 fringilla.purus.mauris@risusatfringilla.ca
 ## 175 Cras.eu@vitaevelitegestas.net
 ## 176 nunc.sed.pede@Quisqueporttitor.net
 ## 177 Proin.nisl.sem@Maecenasmalesuada.co.uk
 ## 178 lacinia@Nullam.com
 ## 179 facilisis.vitae.orci@sociosquad.co.uk
 ## 180 non.nisi.Aenean@etmagnis.co.uk
 ## 181 aliquam@anteNuncmauris.ca
 ## 182 metus.vitae@Morbisitamet.ca
 ## 183 adipiscing.elit.Aliquam@Utsagittislobortis.co.uk
 ## 184 montes@Loremipsum.edu
 ## 185 In@non.com
 ## 186 sed.pede@volutpatNulladignissim.net
 ## 187 augue.eu@nisi.edu
 ## 188 lobortis.quam@velarcueu.org
 ## 189 lorem.tristique.aliquet@estNunclaoreet.net
 ## 190 lacinia@posuere.ca
 ## 191 egestas.Fusce@orciDonecnibh.com
 ## 192 venenatis.vel.faucibus@iaculisnec.net
 ## 193 ut.aliquam@egetlacusMauris.ca
 ## 194 pellentesque.a.facilisis@nonlacinia.co.uk

195 orci.lacus.vestibulum@gravidasit.co.uk
 ## 196 Nunc@euarcuMorbi.ca
 ## 197 semper@tristique.co.uk
 ## 198 velit.Pellentesque@Nullam.org
 ## 199 velit@Pellentesquetincidunttempus.net
 ## 200 dolor@nislelementumpurus.edu
 ## 201 nunc.est@purusmaurisa.co.uk
 ## 202 nulla.Integer.vulputate@eutelluseu.edu
 ## 203 sem@odiovel.edu
 ## 204 luctus@magnaseddui.net
 ## 205 pellentesque.massa.lobortis@facilisis.net
 ## 206 Donec@lacusQuisquepurus.net
 ## 207 facilisi.Sed@tortordictum.com
 ## 208 amet@congue.edu
 ## 209 iaculis.odio.Nam@sedfacilisis.org
 ## 210 mi.pede.nonummy@euismodetcommodo.org
 ## 211 metus.vitae.velit@CuraePhasellus.co.uk
 ## 212 est.arcu@in.org
 ## 213 erat.Vivamus@ligula.co.uk
 ## 214 neque.non@iaculisaliquet.edu
 ## 215 Phasellus@Aliquamadipiscing.co.uk
 ## 216 Nam.interdum.enim@et.com
 ## 217 diam.nunc@lectusconvallisest.org
 ## 218 risus@Sedmalesuada.net
 ## 219 arcu.et.pede@Morbinequetellus.org
 ## 220 consecutuer.adipiscing.elit@vestibulumneceuismod.net
 ## 221 libero.et@Crasdictum.ca
 ## 222 molestie@commodoauctorvelit.co.uk
 ## 223 massa@nec.co.uk
 ## 224 bibendum.Donec.felis@liberoestcongue.org
 ## 225 urna@vitaeodiosagittis.ca
 ## 226 Aliquam.adipiscing.lobortis@loremut.net
 ## 227 erat.neque.non@elit.com
 ## 228 accumsan@parturientmontes.net
 ## 229 molestie.orci@condimentum.com
 ## 230 nunc.nulla.vulputate@dignissimmagnaa.edu

## 231	parturient@Nuncsollicitudincommodo.co.uk
## 232	Nam@enimmitempor.com
## 233	ut.pharetra@ametultricies.net
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## 253	Camaron.marla@hotmail.com
##	country gender age annual_Salary
## 1	Algeria 1 43 53798.55
## 2	Cook Islands 1 58 79370.04
## 3	Brazil 1 57 59729.15
## 4	Liberia 1 57 68499.85
## 5	Syria 1 47 39814.52
## 6	Czech Republic 1 50 51752.23
## 7	Somalia 1 43 53457.10
## 8	Sint Maarten 1 50 73348.71
## 9	Greenland 1 53 55421.66
## 10	Gabon 1 53 64662.30
## 11	Portugal 1 48 52682.06
## 12	Chad 1 52 54503.14

## 13	Sudan	1	52	63435.86
## 14	Nigeria	1	46	65176.69
## 15	Madagascar	1	47	52027.64
## 16	Denmark	1	46	100000.00
## 17	Dominican Republic	1	40	62891.87
## 18	Costa Rica	1	33	39627.12
## 19	Botswana	1	40	68859.56
## 20	Saint Pierre and Miquelon	1	51	82358.23
## 21	Suriname	1	50	47460.55
## 22	Turkey	1	22	43131.78
## 23	French Guiana	1	48	80959.53
## 24	Bhutan	1	46	58457.41
## 25	Mozambique	1	39	50943.16
## 26	Nauru	1	61	79792.13
## 27	Djibouti	1	42	56098.51
## 28	Taiwan	1	41	60181.41
## 29	Turks and Caicos Islands	1	41	38406.78
## 30	Mongolia	1	37	72471.82
## 31	Sri Lanka	1	52	35069.42
## 32	Egypt	1	34	84467.79
## 33	Slovenia	1	43	51419.51
## 34	Benin	1	50	46609.52
## 35	Cape Verde	1	42	55207.46
## 36	Paraguay	1	42	46689.42
## 37	Kyrgyzstan	1	43	59195.83
## 38	Mauritius	1	57	48716.67
## 39	Gambia	1	52	66478.01
## 40	Palestine, State of	1	45	50280.00
## 41	Slovakia	1	48	59139.21
## 42	Kiribati	1	56	67015.19
## 43	Puerto Rico	1	53	50867.94
## 44	Guinea	1	57	53450.90
## 45	Sierra Leone	1	33	71055.42
## 46	Sint Maarten	1	44	55406.46
## 47	Ecuador	1	40	48567.07
## 48	Kazakhstan	1	37	69453.72

## 49	Jersey	1	40	36929.35
## 50	Ecuador	1	44	63087.95
## 51	Indonesia	1	58	58065.26
## 52	Suriname	1	32	20000.00
## 53	Palau	1	50	60536.20
## 54	Ghana	1	59	50667.70
## 55	Cameroon	1	42	44376.62
## 56	Senegal	1	53	70896.73
## 57	Central African Republic	1	47	56009.73
## 58	Laos	1	43	71716.46
## 59	Namibia	1	53	61858.19
## 60	Mozambique	1	36	49483.83
## 61	Bhutan	1	30	68289.18
## 62	Nepal	1	50	42433.55
## 63	Saudi Arabia	1	30	61922.90
## 64	San Marino	1	42	69946.94
## 65	Saint Lucia	1	46	73476.42
## 66	Vanuatu	1	55	75571.20
## 67	Andorra	1	42	53427.46
## 68	Falkland Islands	1	57	75247.18
## 69	Nepal	1	43	69175.19
## 70	Macedonia	1	34	77206.48
## 71	Mayotte	1	53	65809.11
## 72	Laos	1	51	83626.31
## 73	Slovenia	1	53	69255.99
## 74	Maldives	1	45	60575.13
## 75	Falkland Islands	1	48	52534.21
## 76	Martinique	1	45	52632.97
## 77	Guadeloupe	1	43	42375.21
## 78	Kiribati	1	46	49398.74
## 79	South Africa	1	44	60871.18
## 80	Pakistan	1	39	59316.94
## 81	Macedonia	1	50	88292.73
## 82	Djibouti	1	37	68688.40
## 83	Bolivia	1	45	51906.85
## 84	Serbia	1	50	52373.79

## 85	Austria	1	45	59689.81
## 86	Martinique	1	57	72637.84
## 87	Mauritius	1	48	67247.08
## 88	Jersey	1	39	69142.08
## 89	Kuwait	1	36	52477.66
## 90	Guinea	1	44	47592.05
## 91	Bouvet Island	1	33	76916.42
## 92	Thailand	1	42	65714.46
## 93	Bahamas	1	47	40346.06
## 94	Hong Kong	1	54	81757.67
## 95	?land Islands	1	45	62043.17
## 96	Heard Island and Mcdonald Islands	1	38	47127.42
## 97	Virgin Islands, British	1	34	61177.09
## 98	Singapore	1	50	57770.36
## 99	Bhutan	1	33	58999.89
## 100	Wallis and Futuna	1	56	62645.96
## 101	Saint Martin	1	37	67545.96
## 102	Croatia	1	53	72226.56
## 103	Jordan	1	51	48958.91
## 104	Malta	1	48	86067.84
## 105	Mauritania	1	41	65554.40
## 106	Kyrgyzstan	1	50	55293.51
## 107	Saint Barth?lemy	1	40	63210.76
## 108	Israel	1	44	54918.39
## 109	Samoa	1	41	72299.95
## 110	Bhutan	1	50	60382.18
## 111	Algeria	1	37	68691.17
## 112	Guam	1	47	73096.51
## 113	Armenia	1	36	67249.06
## 114	French Polynesia	1	45	72316.18
## 115	Grenada	1	47	68431.27
## 116	Venezuela	1	59	77662.11
## 117	Andorra	1	36	69494.70
## 118	United States	1	38	79368.92
## 119	French Polynesia	1	42	61693.44
## 120	Virgin Islands, United States	1	33	47211.67

## 121	Saint Pierre and Miquelon	1	39	69897.75
## 122	Saint Barth?lemy	1	55	72302.03
## 123	Greenland	1	51	63678.15
## 124	Puerto Rico	1	46	62721.41
## 125	Israel	1	53	70842.84
## 126	Mauritania	1	39	55285.99
## 127	Sao Tome and Principe	1	43	72002.06
## 128	Viet Nam	1	70	41434.51
## 129	Bahrain	1	45	62939.13
## 130	Norfolk Island	1	48	56118.40
## 131	French Guiana	1	57	41236.36
## 132	Israel	1	46	77146.28
## 133	China	1	65	70703.85
## 134	Cape Verde	1	47	54279.40
## 135	Venezuela	1	43	66013.95
## 136	Christmas Island	1	46	55434.04
## 137	French Southern Territories	1	43	54749.89
## 138	Jamaica	1	38	74590.25
## 139	Thailand	1	40	67772.67
## 140	Poland	1	43	62563.58
## 141	Uganda	1	41	73426.09
## 142	Saint Pierre and Miquelon	1	54	47684.46
## 143	French Polynesia	1	40	53921.33
## 144	Samoa	1	45	74173.39
## 145	Iraq	1	54	58011.63
## 146	South Africa	1	29	69171.95
## 147	Saint Vincent and The Grenadines	1	56	66779.91
## 148	Canada	1	41	59060.09
## 149	Sierra Leone	1	53	62713.78
## 150	South Africa	1	53	44747.66
## 151	Guam	1	59	70111.54
## 152	Croatia	1	45	66747.67
## 153	Saint Barth?lemy	1	47	72025.68
## 154	Samoa	1	49	70737.29
## 155	Puerto Rico	1	40	57455.76
## 156	Mauritania	1	41	60657.59

## 157	?land Islands	1	46	82425.65
## 158	Isle of Man	1	63	75719.23
## 159	Gambia	1	35	47054.14
## 160	Bosnia and Herzegovina	1	50	42003.02
## 161	Guinea-Bissau	1	54	52786.20
## 162	India	1	57	56066.08
## 163	Mongolia	1	52	56444.77
## 164	Namibia	1	55	83333.81
## 165	Moldova	1	45	88816.03
## 166	Martinique	1	40	70381.37
## 167	Algeria	1	47	67647.75
## 168	Israel	1	49	64665.39
## 169	Niue	1	35	40300.49
## 170	Austria	1	44	45504.75
## 171	Bouvet Island	1	47	66226.73
## 172	Greenland	1	45	56687.41
## 173	Falkland Islands	1	35	56807.02
## 174	Morocco	1	42	63875.21
## 175	Samoa	1	39	41587.39
## 176	Colombia	1	38	49661.97
## 177	Turks and Caicos Islands	1	43	52664.72
## 178	Morocco	1	39	55618.07
## 179	Dominican Republic	1	51	62788.94
## 180	Armenia	1	62	68149.63
## 181	Latvia	1	63	64494.40
## 182	Switzerland	1	46	54362.70
## 183	Saint Martin	1	47	55657.66
## 184	Belize	1	37	70621.52
## 185	Grenada	1	51	70275.69
## 186	Uruguay	1	32	54395.05
## 187	South Georgia and The South Sandwich Islands	1	32	60384.35
## 188	Guinea	1	43	66813.66
## 189	Belgium	1	43	54236.62
## 190	Isle of Man	1	58	64426.60
## 191	Micronesia	1	49	71150.20
## 192	Guinea	1	48	91083.74

## 193	Bermuda	1	35	72948.12
## 194	Afghanistan	1	57	67752.38
## 195	Saint Vincent and The Grenadines	1	47	59205.89
## 196	United States	1	44	47230.92
## 197	Korea, South	1	53	75381.08
## 198	Syria	1	41	54742.39
## 199	Bulgaria	1	63	60409.76
## 200	Bouvet Island	1	42	71371.93
## 201	Cayman Islands	1	41	79444.01
## 202	Anguilla	1	40	71193.73
## 203	Mexico	1	56	46412.82
## 204	Tunisia	1	48	57368.06
## 205	Kyrgyzstan	1	41	65826.12
## 206	Australia	1	35	61723.01
## 207	Korea, South	1	62	66655.41
## 208	Iceland	1	36	67508.12
## 209	Saint Vincent and The Grenadines	1	36	40558.75
## 210	Bahamas	1	63	71948.81
## 211	Antarctica	1	44	67121.32
## 212	Senegal	1	43	57376.48
## 213	Algeria	1	49	81997.33
## 214	Colombia	1	40	36960.77
## 215	Bolivia	1	30	70076.23
## 216	Isle of Man	1	43	72016.92
## 217	Kuwait	1	38	74445.73
## 218	Tokelau	1	37	51111.77
## 219	Mauritania	1	42	55514.99
## 220	Bangladesh	1	46	58948.93
## 221	Christmas Island	1	40	56086.45
## 222	Niger	1	45	80015.83
## 223	Malta	1	58	41409.29
## 224	Uruguay	1	40	57777.16
## 225	Egypt	1	44	59712.31
## 226	Congo (Brazzaville)	1	20	70467.29
## 227	Viet Nam	1	56	77657.56
## 228	Micronesia	1	44	60487.90

## 229	Cape Verde	1	52	67729.97
## 230	Haiti	1	49	65850.48
## 231	French Southern Territories	1	56	66505.38
## 232	Northern Mariana Islands	1	45	63845.77
## 233	Costa Rica	1	46	55293.58
## 234	Luxembourg	1	43	71753.31
## 235	Bosnia and Herzegovina	1	48	45368.16
## 236	South Sudan	1	39	58632.59
## 237	Jamaica	1	54	75892.31
## 238	Greenland	1	35	55418.76
## 239	Malawi	1	39	65019.16
## 240	United States Minor Outlying Islands	1	42	58243.18
## 241	Northern Mariana Islands	1	52	66088.02
## 242	Turkey	1	41	60101.80
## 243	Turkmenistan	1	51	50153.44
## 244	Madagascar	1	29	55433.61
## 245	Venezuela	1	53	62979.60
## 246	Yemen	1	60	39460.00
## 247	Indonesia	1	37	66923.44
## 248	Myanmar	1	46	63722.00
## 249	Egypt	1	50	78518.22
## 250	Zimbabwe	1	38	56039.50
## 251	Philippines	1	54	68888.78
## 252	Botswana	1	59	49811.99
## 253	marlal	1	47	61370.68

##	credit_card_debt	net_worth	car_purchase_amount
## 1	11160.36	638467.18	42925.71
## 2	14426.16	548599.05	67422.36
## 3	5358.71	560304.07	55915.46
## 4	14179.47	428485.36	56612.00
## 5	5958.46	326373.18	28925.71
## 6	10985.70	629312.40	47434.98
## 7	12884.08	476643.35	38189.51
## 8	8270.71	612738.62	59045.51
## 9	10014.97	293862.51	42288.81
## 10	11326.03	481433.43	53017.27

## 11	12514.52	549443.59	43901.71
## 12	7377.82	431099.00	44633.99
## 13	11878.04	480588.23	51130.95
## 14	7698.55	497526.46	47240.86
## 15	11960.85	688466.05	46635.49
## 16	17452.92	188032.08	58350.32
## 17	12522.94	583230.98	43994.36
## 18	9371.51	319837.66	17584.57
## 19	13417.02	486069.07	44650.36
## 20	8092.48	655934.47	66363.89
## 21	7405.53	430624.81	38978.67
## 22	10917.14	326742.74	10092.23
## 23	4499.92	379749.92	54823.19
## 24	12491.01	410655.99	41567.47
## 25	10816.89	299734.13	27815.74
## 26	14245.53	497950.29	68678.44
## 27	11675.28	320228.65	34215.76
## 28	7094.90	390312.17	37883.24
## 29	11023.00	451846.20	27187.24
## 30	11216.89	583523.08	46381.13
## 31	1851.98	353757.51	31978.98
## 32	7772.44	468238.79	47380.91
## 33	11331.20	636407.11	41425.00
## 34	7592.02	409419.58	38147.81
## 35	9976.43	286062.52	32737.80
## 36	7829.57	615765.93	37348.14
## 37	8634.38	573054.38	43680.91
## 38	10886.92	662382.66	52707.97
## 39	13685.89	356553.40	49392.89
## 40	11350.49	230728.30	30841.00
## 41	4630.54	473845.85	45058.90
## 42	13000.41	355157.64	52991.53
## 43	16732.31	344916.18	41357.18
## 44	8740.72	309113.06	44434.72
## 45	6147.92	441527.01	38399.46
## 46	9522.58	523251.27	41456.68

## 47	9724.03	407401.38	30394.82
## 48	9565.83	386128.13	39002.08
## 49	9719.19	245664.37	19553.27
## 50	11024.03	496856.49	45167.33
## 51	4204.92	388498.51	50937.94
## 52	14261.81	579181.66	12895.71
## 53	8244.47	173079.18	38955.22
## 54	9871.40	536665.05	51221.04
## 55	13865.09	259049.28	25971.96
## 56	11794.74	398746.85	54075.12
## 57	11030.27	391848.60	40004.87
## 58	8870.71	165866.20	39503.39
## 59	5189.08	706977.05	57441.44
## 60	11811.25	242292.92	22681.72
## 61	7357.79	404457.31	33640.74
## 62	7335.52	386057.42	34642.60
## 63	10366.50	323453.20	27586.72
## 64	9010.65	778537.21	54973.02
## 65	9656.81	386287.02	49142.51
## 66	12887.55	416540.30	58840.54
## 67	7903.10	238529.63	30240.61
## 68	13258.47	659279.20	67120.90
## 69	6039.59	325701.41	42408.03
## 70	8493.10	411070.48	42213.70
## 71	4820.84	692401.47	59416.18
## 72	8458.75	167031.56	52665.37
## 73	18361.25	339207.28	51551.68
## 74	8088.34	291360.03	38243.66
## 75	7583.75	401955.50	39410.46
## 76	12348.68	293999.94	33428.40
## 77	6062.60	510039.15	32700.28
## 78	6994.62	174525.84	29425.83
## 79	4397.95	262959.25	36645.56
## 80	12296.34	510811.37	38504.39
## 81	10799.14	378357.94	60222.23
## 82	15796.32	375889.64	38930.55

## 83	13686.97	85520.85	27810.22
## 84	11347.63	633383.49	47604.35
## 85	14862.84	449895.30	42369.64
## 86	14938.51	352507.90	57125.42
## 87	9851.69	368344.06	46453.35
## 88	8707.51	399124.45	40879.19
## 89	12071.42	97706.89	20653.21
## 90	13167.66	473101.03	35438.81
## 91	13923.96	315183.57	38182.30
## 92	12557.08	362707.03	41026.02
## 93	11505.90	255922.47	27889.95
## 94	7500.78	278181.84	57430.77
## 95	4980.67	357639.03	41265.53
## 96	10221.15	427011.50	29052.10
## 97	9837.22	340663.33	30719.82
## 98	8628.43	211765.25	38763.11
## 99	6904.42	478422.80	32608.45
## 100	11431.23	613242.17	58045.56
## 101	7171.47	322905.46	36638.21
## 102	5817.15	623033.48	60865.76
## 103	2418.86	615672.47	46380.45
## 104	9181.07	335652.62	56579.90
## 105	12026.58	462613.86	42774.36
## 106	9465.09	629764.27	49220.02
## 107	3657.86	664431.40	46188.84
## 108	8920.39	347017.83	36086.93
## 109	11544.93	275389.07	40660.38
## 110	11302.88	490444.41	48518.90
## 111	16305.79	619707.42	45805.31
## 112	10743.79	196421.74	44577.45
## 113	12998.47	396793.47	37744.54
## 114	8728.92	279393.49	44846.69
## 115	14088.91	383693.20	46643.27
## 116	13444.90	331460.47	61118.47
## 117	20000.00	335809.62	37303.57
## 118	13501.93	761935.52	56457.74

## 119	10835.26	620522.38	45509.70
## 120	4295.23	539365.94	27625.44
## 121	9624.91	565814.73	46389.50
## 122	10813.76	234159.08	51355.71
## 123	5011.62	563498.66	52654.40
## 124	16127.57	494985.54	46054.60
## 125	9536.90	545947.00	58235.41
## 126	17462.08	734443.70	42990.29
## 127	14709.66	568947.75	50702.18
## 128	6810.56	252220.29	47009.58
## 129	632.05	455589.80	44434.98
## 130	9242.78	586717.47	46846.73
## 131	9399.34	466988.26	42773.76
## 132	7903.33	418764.51	52313.98
## 133	5025.37	284991.74	60763.25
## 134	5699.18	124979.05	31215.64
## 135	7039.54	610942.14	49079.62
## 136	18693.15	316906.64	37093.92
## 137	7631.69	152883.35	29092.13
## 138	5614.00	573441.97	48349.16
## 139	6887.25	134188.45	33261.00
## 140	6130.31	426488.75	41327.17
## 141	14822.80	336867.71	43598.97
## 142	10128.76	613372.89	48300.02
## 143	9046.18	515305.48	37076.83
## 144	11315.60	521404.24	52709.08
## 145	9822.43	552454.03	52116.91
## 146	6354.83	613104.78	38705.66
## 147	14300.13	202576.62	48025.03
## 148	5841.61	136346.31	29417.65
## 149	11498.04	679435.17	57461.51
## 150	4975.14	793986.62	50441.62
## 151	7949.46	239217.67	53848.76
## 152	9691.23	221290.98	39904.82
## 153	6988.65	222341.03	44736.41
## 154	13851.11	266765.48	46937.17

## 155	12186.03	159727.88	28440.81
## 156	3331.30	392177.79	38148.00
## 157	7525.25	684273.59	63038.20
## 158	10515.28	474485.67	67092.23
## 159	7234.67	275762.48	22091.12
## 160	6052.84	579220.04	40022.17
## 161	9246.81	556014.97	49442.12
## 162	5235.76	497876.25	51866.49
## 163	11932.74	69821.64	35781.16
## 164	9874.08	1000000.00	80000.00
## 165	9317.22	493592.18	59758.73
## 166	6718.86	305253.27	39606.25
## 167	8767.78	787984.29	58641.71
## 168	7404.08	521815.74	50666.88
## 169	8828.16	719846.98	31146.71
## 170	9245.47	374777.69	31526.05
## 171	8511.81	356213.08	45366.36
## 172	9050.28	414034.61	39888.60
## 173	8851.56	385250.72	30826.11
## 174	11397.69	188327.58	34678.83
## 175	5397.03	322891.78	23517.92
## 176	4679.44	375654.15	28733.69
## 177	14435.74	411932.82	35659.12
## 178	7557.66	854283.56	46398.35
## 179	13224.45	192514.64	41427.60
## 180	9560.45	401916.10	60390.07
## 181	8765.62	408679.86	58667.07
## 182	15647.35	388898.07	38042.80
## 183	9625.40	377424.62	39270.58
## 184	9384.07	366327.74	39083.94
## 185	10359.18	253181.98	47984.12
## 186	10693.89	549212.43	30964.08
## 187	11518.29	589180.45	35726.95
## 188	15458.69	600685.19	49065.16
## 189	7275.31	432447.53	37183.10
## 190	9514.65	137601.84	46710.53

## 191	9849.00	480468.25	52889.56
## 192	13148.86	387538.25	60960.83
## 193	12664.32	360457.05	38545.80
## 194	13851.92	657178.41	63079.84
## 195	2689.32	856287.15	55700.83
## 196	4421.15	558001.02	37259.84
## 197	7925.06	545125.96	60567.19
## 198	10342.61	447393.49	36125.49
## 199	9611.32	255285.41	51922.08
## 200	7094.83	321431.28	42704.32
## 201	11620.11	627086.66	55174.99
## 202	3854.73	762832.26	53993.44
## 203	11652.27	595028.84	47970.77
## 204	10175.74	466128.91	43641.66
## 205	11715.37	416748.73	41679.79
## 206	9913.19	291897.41	30757.66
## 207	8001.64	805075.52	70598.97
## 208	10188.69	141587.65	30419.80
## 209	4981.27	283241.28	19525.30
## 210	8061.97	365862.78	61731.71
## 211	12087.38	472403.12	46402.54
## 212	12878.55	376886.36	37376.63
## 213	12616.46	237185.17	52056.41
## 214	1768.87	630120.00	30736.58
## 215	1726.81	552267.64	38174.87
## 216	11602.74	205006.22	40589.86
## 217	7515.15	297964.26	40095.05
## 218	9057.60	461366.78	31408.63
## 219	8009.72	394229.90	35784.42
## 220	8282.08	205439.37	35475.00
## 221	6588.61	228388.55	29519.56
## 222	9064.62	508555.16	55420.57
## 223	8211.34	421318.98	42139.65
## 224	19692.91	601210.28	41147.47
## 225	7135.99	487564.55	42705.11
## 226	100.00	494606.63	28645.39

## 227	14438.24	622831.92	66648.25
## 228	9911.04	478428.72	42909.27
## 229	10279.91	314885.13	49248.11
## 230	3912.39	419556.62	47869.83
## 231	3942.77	621309.59	59984.16
## 232	7761.85	505048.76	46012.11
## 233	8276.64	169476.00	32967.20
## 234	9119.79	400703.27	45824.57
## 235	12203.49	577058.18	40102.11
## 236	12035.37	516817.32	38243.06
## 237	8110.95	177878.18	51046.42
## 238	8837.65	312927.92	27586.20
## 239	4931.56	341330.73	37364.23
## 240	15149.03	649323.79	44500.82
## 241	6769.18	557098.96	55167.37
## 242	12989.37	340720.52	35823.55
## 243	6596.01	266939.17	36517.71
## 244	10769.75	276466.62	21471.11
## 245	14297.25	247421.92	45015.68
## 246	8769.29	571245.37	47443.74
## 247	8611.47	522814.82	41489.64
## 248	10711.44	316128.40	41352.47
## 249	10072.48	294506.08	52785.17
## 250	12301.46	360419.10	31491.41
## 251	10611.61	764531.32	64147.29
## 252	14013.03	337826.64	45442.15
## 253	9391.34	462946.49	45107.23

In filter, you can use AND conditions with `,` in addition to `&`, so readability is good. You can also select a specific range of a continuous variable by using the between function, which is also more intuitive than using the existing `&`. Let's look at an example of filtering between 50 and 60 years old.

```
## Age between 50 and 60.
dfdata %>% filter(age >= 50 & age <= 60)
```

##	customer.name	customer.e.mail
## 1	Jade Cunningham	malesuada@dignissim.com

## 2	Cedric Leach	felis.ullamcorper.viverra@egetmollislectus.net
## 3	Carla Hester	mi@Aliquamerat.edu
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## 5	Jerome Rowe	ipsum.cursus@dui.org
## 6	Akeem Gibson	turpis.egestas.Fusce@purus.edu
## 7	Sharon Sharpe	eget.metus@aaliquetvel.co.uk
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## 9	Sloane Mann	at.augue@augue.net
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## 13	Alma Pope	Nunc.mauris.Morbi@turpis.org
## 14	Dahlia Cleveland	tincidunt.tempus@idsapien.co.uk
## 15	Keane Browning	Curabitur@acipsumPhasellus.co.uk
## 16	Coby Charles	nec@dolornonummyac.com
## 17	Amery Cortez	semper.et.lacinia@Morbiquisurna.ca
## 18	Fredericka Sanders	Curabitur@Infaucibus.ca
## 19	Quincy Bell	in@Duisgravida.co.uk
## 20	Kenneth Pope	vitae.sodales.at@molestiearcuSed.org
## 21	Leilani Gross	dignissim@mollisDuissit.org
## 22	Rafael Peterson	lectus.a.sollicitudin@tortorat.net
## 23	Roanna Knox	dolor.nonummy@metusurnaconvallis.net
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## 25	Gareth Morris	est.Nunc.laoreet@nullavulputatedui.edu
## 26	Sawyer Carney	erat.Sed@Phasellus.ca
## 27	Raya Shields	tincidunt.aliquam@orciluctuset.com
## 28	Yuli Craig	lobortis.quis.pede@Seddiam.com
## 29	Nissim Acosta	enim@at.net
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## 36	Kitra Kerr	scelerisque@Vivamusnon.co.uk
## 37	Desirae Stone	Morbi.sit@Aliquamfringilla.ca

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## 40	Travis Burks	dictum@liberolacusvarius.ca
## 41	Wing Gray	urna.nec@tempussclerisquelorem.org
## 42	Jamal Stephenson	lorem.lorem@in.edu
## 43	Todd Maldonado	dui.semper.et@aultricies.net
## 44	Quamar Cummings	mauris@convallisconvallisdolor.co.uk
## 45	Marvin Deleon	lectus.Nullam@congueelitsed.ca
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## 51	Gabriel Carson	et@venenatis.co.uk
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##		country gender age annual_Salary
## 1		Cook Islands 1 58 79370.04
## 2		Brazil 1 57 59729.15
## 3		Liberia 1 57 68499.85
## 4		Czech Republic 1 50 51752.23
## 5		Sint Maarten 1 50 73348.71
## 6		Greenland 1 53 55421.66
## 7		United Arab Emirates 0 55 72776.00
## 8		Gabon 1 53 64662.30
## 9		Chad 1 52 54503.14
## 10		Iraq 0 59 55368.24
## 11		Sudan 1 52 63435.86
## 12		Oman 0 53 53065.57
## 13		Namibia 0 56 61388.63
## 14		Saint Pierre and Miquelon 1 51 82358.23
## 15		France 0 51 67904.40
## 16		Cambodia 0 51 59593.26
## 17		Suriname 1 50 47460.55
## 18		Ethiopia 0 51 52263.70
## 19		Timor-Leste 0 55 70787.28
## 20		Argentina 0 51 57478.38
## 21		Samoa 0 56 64616.69
## 22		Sri Lanka 1 52 35069.42
## 23		Guinea-Bissau 0 57 52422.95
## 24		Benin 1 50 46609.52
## 25		Iceland 0 55 69236.69

## 26	Iceland	0	53	54006.78
## 27	Viet Nam	0	53	47228.36
## 28	Germany	0	55	62262.95
## 29	Mauritius	1	57	48716.67
## 30	Gambia	1	52	66478.01
## 31	Reunion	0	56	57393.83
## 32	Kiribati	1	56	67015.19
## 33	Puerto Rico	1	53	50867.94
## 34	Guinea	1	57	53450.90
## 35	Indonesia	1	58	58065.26
## 36	Palau	1	50	60536.20
## 37	Ghana	1	59	50667.70
## 38	Myanmar	0	50	75958.28
## 39	Senegal	1	53	70896.73
## 40	Namibia	1	53	61858.19
## 41	Nepal	1	50	42433.55
## 42	Vanuatu	1	55	75571.20
## 43	Solomon Islands	0	58	50649.64
## 44	Falkland Islands	1	57	75247.18
## 45	Mayotte	1	53	65809.11
## 46	Benin	0	54	60991.82
## 47	Liechtenstein	0	51	61809.07
## 48	Liberia	0	59	66905.48
## 49	Laos	1	51	83626.31
## 50	Slovenia	1	53	69255.99
## 51	Equatorial Guinea	0	51	63869.65
## 52	Wallis and Futuna	0	57	68090.51
## 53	Tunisia	0	60	54122.88
## 54	Macedonia	1	50	88292.73
## 55	Serbia	1	50	52373.79
## 56	Palestine, State of	0	50	55381.53
## 57	Lithuania	0	51	34154.78
## 58	Cura?ao	0	53	54382.75
## 59	Zimbabwe	0	56	39488.46
## 60	Martinique	1	57	72637.84
## 61	Kenya	0	50	71693.45

## 62	Hong Kong	1	54	81757.67
## 63	Yemen	0	51	85186.49
## 64	Singapore	1	50	57770.36
## 65	Wallis and Futuna	1	56	62645.96
## 66	Cocos (Keeling) Islands	0	57	68782.16
## 67	Bolivia	0	51	42415.49
## 68	Croatia	1	53	72226.56
## 69	Jordan	1	51	48958.91
## 70	Cocos (Keeling) Islands	0	51	63552.85
## 71	Madagascar	0	51	75116.11
## 72	Kyrgyzstan	1	50	55293.51
## 73	Uganda	0	52	57262.80
## 74	Heard Island and Mcdonald Islands	0	57	50241.49
## 75	Poland	0	54	65834.57
## 76	Bhutan	1	50	60382.18
## 77	Congo (Brazzaville)	0	52	65446.66
## 78	Timor-Leste	0	52	58143.06
## 79	Sao Tome and Principe	0	51	64854.34
## 80	Ghana	0	55	45757.16
## 81	Saint Kitts and Nevis	0	60	53229.15
## 82	Venezuela	1	59	77662.11
## 83	Saint Barth?lemy	1	55	72302.03
## 84	Greenland	1	51	63678.15
## 85	Israel	1	53	70842.84
## 86	Bermuda	0	51	60404.38
## 87	Equatorial Guinea	0	52	65239.06
## 88	French Guiana	1	57	41236.36
## 89	Saint Barth?lemy	0	57	69810.46
## 90	Benin	0	57	59168.01
## 91	Kyrgyzstan	0	51	74810.89
## 92	Saint Pierre and Miquelon	1	54	47684.46
## 93	Paraguay	0	54	55619.34
## 94	Kiribati	0	55	70914.60
## 95	Andorra	0	50	53587.13
## 96	Iraq	1	54	58011.63
## 97	Saint Vincent and The Grenadines	1	56	66779.91

## 98	Argentina	0	54	79173.08
## 99	Solomon Islands	0	55	62689.54
## 100	Sierra Leone	1	53	62713.78
## 101	South Africa	1	53	44747.66
## 102	Guam	1	59	70111.54
## 103	Mayotte	0	51	82094.11
## 104	Bosnia and Herzegovina	1	50	42003.02
## 105	Iraq	0	51	74418.56
## 106	Guinea-Bissau	1	54	52786.20
## 107	India	1	57	56066.08
## 108	Bolivia	0	52	38213.89
## 109	Mongolia	1	52	56444.77
## 110	Namibia	1	55	83333.81
## 111	Serbia	0	60	58837.97
## 112	Equatorial Guinea	0	51	65245.57
## 113	Rwanda	0	51	71921.45
## 114	United States Minor Outlying Islands	0	53	43019.85
## 115	Dominican Republic	1	51	62788.94
## 116	United Kingdom (Great Britain)	0	55	59486.27
## 117	Seychelles	0	52	49393.47
## 118	Maldives	0	51	72262.20
## 119	Senegal	0	58	73512.41
## 120	Grenada	1	51	70275.69
## 121	Afghanistan	0	51	84120.95
## 122	Isle of Man	1	58	64426.60
## 123	Afghanistan	1	57	67752.38
## 124	Uruguay	0	50	74176.21
## 125	Antarctica	0	57	65980.96
## 126	Korea, South	1	53	75381.08
## 127	Madagascar	0	50	57600.60
## 128	Mexico	1	56	46412.82
## 129	Guadeloupe	0	55	72310.40
## 130	Tuvalu	0	57	58653.66
## 131	Belarus	0	55	63186.13
## 132	Malta	1	58	41409.29
## 133	New Caledonia	0	52	48746.72

## 134	Canada	0	53	76318.88
## 135	Viet Nam	1	56	77657.56
## 136	Cape Verde	1	52	67729.97
## 137	French Southern Territories	1	56	66505.38
## 138	Jamaica	1	54	75892.31
## 139	Papua New Guinea	0	53	59297.42
## 140	Ukraine	0	51	92455.73
## 141	Nigeria	0	55	32697.98
## 142	Guadeloupe	0	60	81565.96
## 143	Northern Mariana Islands	1	52	66088.02
## 144	Saint Helena, Ascension and Tristan da Cunha	0	56	54441.72
## 145	Turkmenistan	1	51	50153.44
## 146	Jamaica	0	58	61430.93
## 147	Saint Kitts and Nevis	0	51	65846.51
## 148	Venezuela	1	53	62979.60
## 149	Yemen	1	60	39460.00
## 150	Gambia	0	55	64430.07
## 151	Egypt	1	50	78518.22
## 152	Latvia	0	55	72424.80
## 153	Sao Tome and Principe	0	52	77345.62
## 154	Philippines	1	54	68888.78
## 155	Botswana	1	59	49811.99

##	credit_card_debt	net_worth	car_purchase_amount
## 1	14426.16	548599.05	67422.36
## 2	5358.71	560304.07	55915.46
## 3	14179.47	428485.36	56612.00
## 4	10985.70	629312.40	47434.98
## 5	8270.71	612738.62	59045.51
## 6	10014.97	293862.51	42288.81
## 7	10597.64	146344.90	49510.03
## 8	11326.03	481433.43	53017.27
## 9	7377.82	431099.00	44633.99
## 10	13272.95	566022.13	54827.52
## 11	11878.04	480588.23	51130.95
## 12	17805.58	429440.33	44387.58
## 13	14270.01	341691.93	49091.97

## 14	8092.48	655934.47	66363.89
## 15	11417.31	487435.96	53489.46
## 16	12252.73	612242.78	51612.14
## 17	7405.53	430624.81	38978.67
## 18	8838.76	213040.96	35928.52
## 19	10155.34	853913.85	68925.09
## 20	2230.10	158979.71	37843.47
## 21	12378.54	779925.79	63738.39
## 22	1851.98	353757.51	31978.98
## 23	6998.47	438067.75	48100.29
## 24	7592.02	409419.58	38147.81
## 25	9842.84	242495.99	49730.53
## 26	15189.09	246321.89	40093.62
## 27	9046.18	456634.21	42297.51
## 28	11785.88	301026.22	48104.11
## 29	10886.92	662382.66	52707.97
## 30	13685.89	356553.40	49392.89
## 31	5627.80	411831.04	49373.38
## 32	13000.41	355157.64	52991.53
## 33	16732.31	344916.18	41357.18
## 34	8740.72	309113.06	44434.72
## 35	4204.92	388498.51	50937.94
## 36	8244.47	173079.18	38955.22
## 37	9871.40	536665.05	51221.04
## 38	10562.90	635512.36	60670.34
## 39	11794.74	398746.85	54075.12
## 40	5189.08	706977.05	57441.44
## 41	7335.52	386057.42	34642.60
## 42	12887.55	416540.30	58840.54
## 43	11211.72	565932.19	51941.68
## 44	13258.47	659279.20	67120.90
## 45	4820.84	692401.47	59416.18
## 46	7329.23	586368.93	54755.42
## 47	2620.08	407733.52	47143.44
## 48	10077.50	651215.64	64391.69
## 49	8458.75	167031.56	52665.37

## 50	18361.25	339207.28	51551.68
## 51	12860.66	260269.10	44418.61
## 52	6181.97	316064.03	53655.54
## 53	15164.88	254617.26	45977.13
## 54	10799.14	378357.94	60222.23
## 55	11347.63	633383.49	47604.35
## 56	5088.24	20000.00	31837.23
## 57	5316.01	216355.34	26499.31
## 58	6940.06	191168.45	38172.84
## 59	10992.33	363561.20	37714.32
## 60	14938.51	352507.90	57125.42
## 61	14421.48	517480.09	55592.70
## 62	7500.78	278181.84	57430.77
## 63	12413.03	546630.53	64545.16
## 64	8628.43	211765.25	38763.11
## 65	11431.23	613242.17	58045.56
## 66	9810.75	350157.84	54387.28
## 67	5205.01	520997.24	39522.13
## 68	5817.15	623033.48	60865.76
## 69	2418.86	615672.47	46380.45
## 70	9347.50	474763.47	50455.12
## 71	5969.67	232607.39	49721.31
## 72	9465.09	629764.27	49220.02
## 73	7793.07	322150.35	43264.05
## 74	14817.71	607395.02	51683.61
## 75	15353.26	152012.35	44525.02
## 76	11302.88	490444.41	48518.90
## 77	8491.59	571564.79	54850.39
## 78	9686.12	261152.82	42209.29
## 79	3247.89	371240.24	47984.42
## 80	11207.02	465709.89	43405.89
## 81	10756.61	112127.26	41673.45
## 82	13444.90	331460.47	61118.47
## 83	10813.76	234159.08	51355.71
## 84	5011.62	563498.66	52654.40
## 85	9536.90	545947.00	58235.41

## 86	4198.84	513974.68	49399.97
## 87	7437.21	168703.34	42997.17
## 88	9399.34	466988.26	42773.76
## 89	4684.56	720423.82	66158.69
## 90	10474.44	623487.60	56973.18
## 91	13658.34	286849.79	51405.55
## 92	10128.76	613372.89	48300.02
## 93	11212.44	229070.55	41320.07
## 94	9644.41	779143.60	66888.94
## 95	8501.50	811594.04	53502.98
## 96	9822.43	552454.03	52116.91
## 97	14300.13	202576.62	48025.03
## 98	6913.06	397700.14	59483.91
## 99	8732.14	481513.51	53021.86
## 100	11498.04	679435.17	57461.51
## 101	4975.14	793986.62	50441.62
## 102	7949.46	239217.67	53848.76
## 103	1065.61	577272.68	63248.76
## 104	6052.84	579220.04	40022.17
## 105	8632.70	472761.62	56071.61
## 106	9246.81	556014.97	49442.12
## 107	5235.76	497876.25	51866.49
## 108	11492.74	579059.31	39892.93
## 109	11932.74	69821.64	35781.16
## 110	9874.08	1000000.00	80000.00
## 111	12788.82	622324.75	59625.03
## 112	11554.27	542777.49	53496.48
## 113	6354.37	169714.27	45857.75
## 114	8527.03	454791.73	39422.79
## 115	13224.45	192514.64	41427.60
## 116	6515.34	228434.05	44424.08
## 117	11521.62	475263.28	42793.99
## 118	12124.82	187821.10	46935.73
## 119	11054.27	236420.97	54606.19
## 120	10359.18	253181.98	47984.12
## 121	9596.51	27888.75	48955.86

## 122	9514.65	137601.84	46710.53
## 123	13851.92	657178.41	63079.84
## 124	11894.42	290608.40	50296.67
## 125	7009.19	173272.90	47715.96
## 126	7925.06	545125.96	60567.19
## 127	10340.30	128387.93	35848.83
## 128	11652.27	595028.84	47970.77
## 129	3093.71	724025.41	65592.22
## 130	17142.41	201228.02	44361.88
## 131	7122.16	762601.08	62028.71
## 132	8211.34	421318.98	42139.65
## 133	3923.41	217188.41	34922.43
## 134	6392.21	245216.17	52150.42
## 135	14438.24	622831.92	66648.25
## 136	10279.91	314885.13	49248.11
## 137	3942.77	621309.59	59984.16
## 138	8110.95	177878.18	51046.42
## 139	9592.43	567842.13	52570.37
## 140	9877.17	285326.35	61404.23
## 141	10858.03	218808.76	28463.64
## 142	9072.06	544291.95	69669.47
## 143	6769.18	557098.96	55167.37
## 144	4362.72	432850.42	48383.69
## 145	6596.01	266939.17	36517.71
## 146	11561.07	421891.85	53110.88
## 147	9141.67	531840.33	53049.45
## 148	14297.25	247421.92	45015.68
## 149	8769.29	571245.37	47443.74
## 150	6924.11	664862.01	59538.40
## 151	10072.48	294506.08	52785.17
## 152	9831.18	523680.77	60117.68
## 153	6736.75	665099.14	64188.27
## 154	10611.61	764531.32	64147.29
## 155	14013.03	337826.64	45442.15

arrange: sort

arrange is a function that sorts data according to a specific order. Unlike the order function, which only tells the sort order, it shows sorted data.

```
## dfdata[order(dfdata$Age), ]  
dfdata %>% arrange(age)
```

```
##           customer.name  
## 1             Camden  
## 2         Uriel Bradshaw  
## 3             Tatyana  
## 4         Jelani A. Wall  
## 5             Ulric Lynn  
## 6     Calvin A. Lancaster  
## 7             Heather  
## 8             Brian Mathews  
## 9         Lionel McClure  
## 10            Josiah  
## 11      Irwin, Dillon J.  
## 12      Ferdinand Weber  
## 13         Rashad Harper  
## 14 Nathaniel P. Stephens  
## 15         Knapp, Quamar P.  
## 16         Ruiz, Rafael L.  
## 17 Macdonald, Rahim B.  
## 18         Jensen, Ebony Y.  
## 19                Nola  
## 20                Avey  
## 21      Herman Stevenson  
## 22         Cally Montoya  
## 23         Isaiah Harding  
## 24         Nero Miranda  
## 25      Indira A. Aguilar  
## 26      Octavius C. Spencer  
## 27      Kasimir Q. Cherry
```

## 28	Mayer, Paki D.
## 29	Trevor
## 30	Brandon
## 31	Marny Vargas
## 32	Vernon Kidd
## 33	Dieter Delaney
## 34	Marvin Garner
## 35	Palmer Cohen
## 36	Fuentes, Dora E.
## 37	Lamar Hensley
## 38	Dean Snider
## 39	Urielle M. Contreras
## 40	Cervantes, Rylee Q.
## 41	Sexton, Shaeleigh H.
## 42	Dudley, Ryder M.
## 43	Houston, Grant O.
## 44	Dillon, Lynn W.
## 45	Ross, Kermit D.
## 46	Edward
## 47	Otto Oneill
## 48	Hakeem Mendoza
## 49	Lael W. Sheppard
## 50	Laurel H. Snow
## 51	Wilma L. Stevenson
## 52	Thompson, Alvin R.
## 53	Beach, Victor S.
## 54	Caldwell
## 55	Donovan
## 56	Francesca Cervantes
## 57	September Puckett
## 58	Ralph Rich
## 59	Julian Alexander
## 60	Orson Hyde
## 61	August Duncan
## 62	Alfreda V. Harrell
## 63	Gross, Cedric D.

64 Blair, Abra U.
65 Chavez, Ralph U.
66 Penelope
67 Curran
68 Igor
69 Cheryl
70 Ryder Shaffer
71 Eric Green
72 Chancellor Patel
73 Shad K. Hancock
74 Taylor A. Patel
75 Jordan I. Whitley
76 Armstrong, Naomi D.
77 Reed
78 Adrienne
79 Vanna
80 Eric Noel
81 Peter Stout
82 Allen Burke
83 Baker Norton
84 Marshall Armstrong
85 Indigo P. Dejesus
86 Bell K. Romero
87 Cassady L. Foreman
88 Drake D. Gray
89 Powers, Naomi B.
90 Burke, Simon H.
91 Hillary
92 Francis
93 Zephania
94 Caryn Hendrix
95 Castor Wood
96 Adrienne Bolton
97 Quon Carroll
98 Abel Stanton
99 Reed Roman

## 100	Teegan Barr
## 101	Nolan Nixon
## 102	Trevor Faulkner
## 103	Philip Barnes
## 104	Tanek Koch
## 105	Jelani F. Pace
## 106	Lillith H. Larsen
## 107	Chester X. Carrillo
## 108	Zenia H. Patel
## 109	Gregory, Reuben Z.
## 110	Harmon, David N.
## 111	Church, Lareina E.
## 112	Wolf, Tashya X.
## 113	Stone
## 114	Kane
## 115	Madeson
## 116	Ora
## 117	Piper
## 118	Harlan Barnes
## 119	Reese Vance
## 120	Magee Davidson
## 121	Davis Scott
## 122	Gannon Marquez
## 123	Hammett A. Manning
## 124	Heather G. Goodwin
## 125	Piper S. Houston
## 126	Quinlan U. Sears
## 127	Lester J. Burch
## 128	Michelle R. Burke
## 129	Flores, Caldwell U.
## 130	Sanders, Selma F.
## 131	Little, Hayley R.
## 132	Decker, Jolie T.
## 133	Rhonda
## 134	Olivia
## 135	Isabella

## 136	Walter
## 137	Martina Avila
## 138	Rachel Ashley
## 139	Lee Taylor
## 140	Armando Hensley
## 141	Rowan Kidd
## 142	Gwendolyn Rice
## 143	Len Phillips
## 144	Tanner Ward
## 145	Wing Parks
## 146	Victor Yang
## 147	Graiden Powell
## 148	Burton Carroll
## 149	Drake Chen
## 150	Harding E. York
## 151	Quincy Q. Ayers
## 152	Clementine X. Powell
## 153	Dennis N. Thompson
## 154	Casey, Sylvia E.
## 155	Holloway, Brennan Q.
## 156	Nieves, Bertha O.
## 157	Munoz, Kennedy K.
## 158	Irma
## 159	Leroy
## 160	Aristotle
## 161	Brock
## 162	Neville
## 163	Naomi Rodriquez
## 164	Rhonda Chavez
## 165	Charlotte Waller
## 166	Olga Serrano
## 167	Lev Kramer
## 168	Jared Green
## 169	Holmes Lane
## 170	Gage Marquez
## 171	Dominic Hughes

## 172	Solomon Atkinson
## 173	Lucian Medina
## 174	Stone Koch
## 175	Jeanette Q. Leach
## 176	Honorato M. Butler
## 177	Brendan G. Kelley
## 178	Damon K. Boone
## 179	Tobias L. Sullivan
## 180	Herman, Griffith P.
## 181	Reese, Sylvia H.
## 182	Valdez, Joy U.
## 183	Cote, Evangeline F.
## 184	Stafford, Berk Y.
## 185	Collier, Xerxes Q.
## 186	Kyra
## 187	Dexter
## 188	Nathan
## 189	Lani
## 190	Aileen
## 191	Judith
## 192	Veda
## 193	Laurel
## 194	Bert
## 195	Courtney
## 196	Winter
## 197	Quin Smith
## 198	Ila Farrell
## 199	Alexander York
## 200	Dominic McIntosh
## 201	Kadeem Larsen
## 202	Cain Love
## 203	Peter Maynard
## 204	Tiger I. Melton
## 205	Anjolie A. Galloway
## 206	Colleen S. Mcguire
## 207	Dyer, Aline L.

## 208	Langley, Skyler J.
## 209	Russo, Fleur N.
## 210	Kim, Claudia W.
## 211	Bradford, Daquan F.
## 212	Solis, Melissa T.
## 213	Walter
## 214	Rafael
## 215	Victor
## 216	Demetria
## 217	Kristen
## 218	Holly
## 219	Todd
## 220	Blaine Bender
## 221	Owen Jacobson
## 222	Cleo Moore
## 223	Hector Bowers
## 224	Tate Molina
## 225	Yoshio Potter
## 226	Nolan Conner
## 227	Hop Farley
## 228	Alan Browning
## 229	Christian Huffman
## 230	Quinlan S. Cantu
## 231	Wade O. Diaz
## 232	Zane I. Boone
## 233	Rooney R. Padilla
## 234	Gray F. Walker
## 235	Leila F. Hubbard
## 236	Derek X. Richards
## 237	Dalton, Grant D.
## 238	Wise, Mechelle E.
## 239	Terry, Mollie K.
## 240	West, April J.
## 241	Uriah
## 242	Paula
## 243	Nola Wiggins

244 Gemma Hendrix
 ## 245 Quon Hull
 ## 246 Lael Wright
 ## 247 Morgan William
 ## 248 Glenna Graham
 ## 249 Oleg Gordon
 ## 250 Tanner Johnson
 ## 251 Cody G. Gill
 ## 252 Mark V. Vaughn
 ## 253 Shaeleigh M. Mckenzie
 ## 254 Mechelle W. Stanton
 ## 255 England, Abel D.
 ## 256 Lawrence, Hope Z.
 ## 257 Florence
 ## 258 Hiram
 ## 259 Jelani
 ## 260 Tamekah
 ## 261 Jonah
 ## 262 Griffin Rivera
 ## 263 Marny Obrien
 ## 264 Micah Wheeler
 ## 265 Hedley Greene
 ## 266 Ariana Nash
 ## 267 Merrill Bailey
 ## 268 Quentin Randall
 ## 269 Devin Humphrey
 ## 270 Chancellor Padilla
 ## 271 Velma K. Moses
 ## 272 Mariam I. Montgomery
 ## 273 Pamela M. Cantu
 ## 274 Keegan Q. Ramirez
 ## 275 Lana S. Pace
 ## 276 Evangeline G. Cooper
 ## 277 Florence U. Hunter
 ## 278 Frazier, Kai O.
 ## 279 Mcdowell, Victoria J.

## 280	Schultz, Lee I.
## 281	Olson, Riley O.
## 282	Bush, Jessica C.
## 283	Jenkins, Hasad P.
## 284	Smith, Nola H.
## 285	Harriet
## 286	Marla
## 287	Tatum Moon
## 288	Stephen Lindsey
## 289	Zelenia Byers
## 290	Christopher Stevens
## 291	Matthew Colon
## 292	Yasir Tyler
## 293	Dolan Clayton
## 294	Todd Bass
## 295	Benedict Serrano
## 296	Holmes Irwin
## 297	Ulric Robles
## 298	Timothy J. Terrell
## 299	Zahir A. Estes
## 300	Michelle W. Ryan
## 301	Dominic I. Faulkner
## 302	Madeson R. Salinas
## 303	Stephens, Tanner E.
## 304	Shaw, Rooney Q.
## 305	Caldwell, Yolanda F.
## 306	Daugherty, Veda M.
## 307	Hopper, Orson W.
## 308	Whitaker, Adena B.
## 309	Cameran
## 310	Seth
## 311	Kai
## 312	Emerald Hamilton
## 313	Kyle Evans
## 314	Mannix Snow
## 315	Emerald U. Hanson

## 316	Pascale I. Key
## 317	Kieran G. Justice
## 318	Mcclure, Avey L.
## 319	Hudson, Maxwell F.
## 320	Hardy, Hilary R.
## 321	Seth
## 322	Blaze
## 323	Yvette
## 324	Hyatt
## 325	Dennis
## 326	Orli Casey
## 327	Jerome Rowe
## 328	Amery Cortez
## 329	Dorian Hernandez
## 330	Kitra Kerr
## 331	Yen Santana
## 332	Wing Gray
## 333	Reuben Holden
## 334	Stuart Reed
## 335	Darius Herring
## 336	Gannon Nguyen
## 337	Ahmed Wright
## 338	Christian Hernandez
## 339	Vaughan L. Mathis
## 340	Tanisha H. Foster
## 341	Ashley, Macon Z.
## 342	Livingston, Lucas K.
## 343	Sutton, Michelle D.
## 344	Merrill
## 345	Dahlia Cleveland
## 346	Keane Browning
## 347	Coby Charles
## 348	Fredericka Sanders
## 349	Kenneth Pope
## 350	Rigel Craft
## 351	Ulysses Craig

## 352	Gabriel Carson
## 353	Baker Saunders
## 354	Phelan Montoya
## 355	Kieran Gilliam
## 356	Seth Massey
## 357	Otto Thomas
## 358	Moses Blackburn
## 359	Emerald R. Cohen
## 360	Len B. Finley
## 361	Zelenia L. Lowe
## 362	Ulysses X. Burch
## 363	Oconnor, Linus Q.
## 364	Jimenez, Joel G.
## 365	Armstrong, Hedda N.
## 366	Brady, Oscar Y.
## 367	Levy, Wesley S.
## 368	Oneill, Tiger A.
## 369	Rosario, Elijah N.
## 370	Watson, Moana M.
## 371	Vaughan
## 372	Mia
## 373	Isaac
## 374	Sloane Mann
## 375	Blythe Romero
## 376	Rafael Peterson
## 377	Miranda Berry
## 378	Quail D. Horne
## 379	Nora X. Decker
## 380	Keiko O. Whitaker
## 381	Callum U. Sweet
## 382	Bond, Nyssa S.
## 383	Rush, Jarrod T.
## 384	Ortiz, Drew P.
## 385	Lyle
## 386	Wayne
## 387	Serena

## 388	Rigel
## 389	Akeem Gibson
## 390	Thomas Williams
## 391	Hedda Miranda
## 392	Sawyer Carney
## 393	Raya Shields
## 394	Orson Kirby
## 395	Martina Fuentes
## 396	Travis Burks
## 397	Marvin Deleon
## 398	Oren Rosario
## 399	Kermit Fuentes
## 400	Malachi Henson
## 401	Kyle R. Kaufman
## 402	Odette Q. Sherman
## 403	Kirestin F. Yang
## 404	Morales, Halla M.
## 405	Blackburn, Joel Y.
## 406	Urielle
## 407	Kyle
## 408	Justine
## 409	Adrian Brock
## 410	Cameron Cash
## 411	Abra D. Golden
## 412	Yardley W. Jacobson
## 413	Jennifer C. Williamson
## 414	Hammett F. Marsh
## 415	Solomon P. Randolph
## 416	Bond, Caryn Y.
## 417	Rogan
## 418	Pearl
## 419	Sharon Sharpe
## 420	Quincy Bell
## 421	Gareth Morris
## 422	Yuli Craig
## 423	Jamal Stephenson

424 Cathleen E. Ortega
 ## 425 Samson N. Wagner
 ## 426 Rae C. Hodge
 ## 427 Nola L. Sweeney
 ## 428 Cameron, Kimberley P.
 ## 429 Patrick, Merritt L.
 ## 430 Hampton, Venus Q.
 ## 431 Stacy
 ## 432 India
 ## 433 Gloria
 ## 434 Nolan
 ## 435 Alma Pope
 ## 436 Leilani Gross
 ## 437 Marvin Becker
 ## 438 Quinlan Harris
 ## 439 Sebastian Marks
 ## 440 Ali Strong
 ## 441 Rachel H. Ballard
 ## 442 Barr, Hyatt D.
 ## 443 Jolene
 ## 444 Kaitlin
 ## 445 Barclay
 ## 446 Cedric Leach
 ## 447 Carla Hester
 ## 448 Roanna Knox
 ## 449 Nissim Acosta
 ## 450 Adria Mathis
 ## 451 Quamar Cummings
 ## 452 Barry Larsen
 ## 453 Hector Price
 ## 454 Nasim Ryan
 ## 455 Lamar V. Guthrie
 ## 456 Serena B. Moody
 ## 457 MacKenzie O. Fowler
 ## 458 Sandra J. Huber
 ## 459 Rivers, Sonya A.

460 Lewis, Jackson U.
 ## 461 Park, Quincy A.
 ## 462 Oleg
 ## 463 Jade Cunningham
 ## 464 Eagan Woodward
 ## 465 Todd Maldonado
 ## 466 Rodriguez, Basia D.
 ## 467 Delgado, Jasper U.
 ## 468 Brady
 ## 469 Chester
 ## 470 Athena Wolf
 ## 471 Desirae Stone
 ## 472 Chaim Lewis
 ## 473 Lynn S. Avery
 ## 474 Rachel E. Suarez
 ## 475 Nell
 ## 476 Lawrence Ryan
 ## 477 Hanna C. Martinez
 ## 478 Livingston, Blaze Y.
 ## 479 Diana
 ## 480 Dolan
 ## 481 Tamara Guy
 ## 482 Nero Morgan
 ## 483 Levy, Irma P.
 ## 484 Chaney, Reuben I.
 ## 485 Benjamin
 ## 486 Elliott Horne
 ## 487 Mcdaniel, Marcia Z.
 ## 488 Melodie
 ## 489 Denise
 ## 490 Gil
 ## 491 Stone Hunt
 ## 492 Abigail X. Lindsey
 ## 493 Chambers, Avram C.
 ## 494 Sims, Tashya J.
 ## 495 Holmes, Ross Y.

## 496	Illana
## 497	Hector F. Leblanc
## 498	Kylee O. Warner
## 499	Gil Sanders
## 500	Tate C. Foster
##	customer.e.mail
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## 2	ultrices@Integersemelit.com
## 3	sem@parturientmontesnascetur.net
## 4	aliquet@Duisa.co.uk
## 5	sociis@vulputateveliteu.com
## 6	ante.bibendum.ullamcorper@fringilla.net
## 7	erat.Etiam@elementum.org
## 8	vulputate.mauris.sagittis@orciluctus.com
## 9	odio.auctor.vitae@placeratorcilacus.edu
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## 17	augue.eu@nisi.edu
## 18	ac@sagittisNullam.net
## 19	elit@Fuscealiquamenim.ca
## 20	Cras@eros.net
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## 22	sit@pedeCum.ca
## 23	pede.blandit@disparturient.net
## 24	semper@vulputateposuiere.net
## 25	erat.Sed.nunc@aneque.ca
## 26	Curabitur.consequat@miDuisrisus.com
## 27	risus@in.net
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34 in@sed.org
35 non.leo@mollis.net
36 nonummy@ornareelitelit.org
37 erat@pedeac.co.uk
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40 luctus.lobortis.Class@sitametdapibus.co.uk
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44 ornare.egestas.ligula@urnaVivamusmolestie.com
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54 amet@congue.edu
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66 vestibulum@metus.org

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74 erat.vitae.risus@temporarcu.edu
75 turpis@orci.com
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184 Quisque@ultriciessem.net
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186 Etiam@diamluctus.org
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207 convallis@scelerisque.net
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209 erat@at.edu
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318 dictum@lorem.org

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 ## 496 mi.pede.nonummy@euismodetcommodo.org
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 ## 498 cursus.in@neque.co.uk

```

## 499                eu.ultrices@cursuset.net
## 500                dignissim.magna@Maurisvel.edu
##                country gender age annual_Salary
## 1                Congo (Brazzaville)      1  20      70467.29
## 2                  Turkey                1  22      43131.78
## 3                Norfolk Island           0  25      45092.74
## 4                  Brazil                0  27      55369.73
## 5                  Colombia             0  28      82842.53
## 6                South Africa            1  29      69171.95
## 7                Madagascar             1  29      55433.61
## 8                  Bhutan                1  30      68289.18
## 9                Saudi Arabia            1  30      61922.90
## 10                 Bolivia                1  30      70076.23
## 11                 Tokelau               0  31      41361.95
## 12                 Suriname              1  32      20000.00
## 13                 Timor-Leste           0  32      73768.12
## 14                 Guatemala             0  32      65312.97
## 15                 El Salvador            0  32      73935.74
## 16                 Uruguay               1  32      54395.05
## 17 South Georgia and The South Sandwich Islands 1  32      60384.35
## 18                 Portugal              0  32      64874.03
## 19                 Montenegro            0  32      60584.85
## 20                 Armenia               0  32      73558.87
## 21                 Costa Rica            1  33      39627.12
## 22                 Sierra Leone          1  33      71055.42
## 23                 Bouvet Island          1  33      76916.42
## 24                 Bhutan                1  33      58999.89
## 25                Virgin Islands, United States 1  33      47211.67
## 26                 Bangladesh            0  33      61889.62
## 27                 Andorra               0  33      63065.12
## 28                 Somalia               0  33      54912.44
## 29                 Chile                 0  33      54447.15
## 30                 Suriname              0  33      87598.02
## 31                 Egypt                 1  34      84467.79
## 32                 Macedonia             1  34      77206.48
## 33                 Peru                  0  34      55576.84

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## 34	Djibouti	0	34	65919.60
## 35	Virgin Islands, British	1	34	61177.09
## 36	Sierra Leone	0	34	49607.23
## 37	Japan	0	35	84171.17
## 38	Christmas Island	0	35	54355.76
## 39	Bolivia	0	35	33423.00
## 40	Gambia	1	35	47054.14
## 41	Niue	1	35	40300.49
## 42	Falkland Islands	1	35	56807.02
## 43	Bermuda	1	35	72948.12
## 44	Western Sahara	0	35	51428.66
## 45	Australia	1	35	61723.01
## 46	Greenland	1	35	55418.76
## 47	Mozambique	1	36	49483.83
## 48	Kuwait	1	36	52477.66
## 49	Armenia	1	36	67249.06
## 50	Andorra	1	36	69494.70
## 51	Sao Tome and Principe	0	36	70334.43
## 52	Iraq	0	36	67032.16
## 53	Chile	0	36	74420.10
## 54	Iceland	1	36	67508.12
## 55	Saint Vincent and The Grenadines	1	36	40558.75
## 56	Mongolia	1	37	72471.82
## 57	Kazakhstan	1	37	69453.72
## 58	Tuvalu	0	37	47399.23
## 59	Guinea	0	37	64315.74
## 60	Djibouti	1	37	68688.40
## 61	Saint Martin	1	37	67545.96
## 62	Algeria	1	37	68691.17
## 63	Bhutan	0	37	78805.00
## 64	Belize	1	37	70621.52
## 65	Tuvalu	0	37	67548.77
## 66	Luxembourg	0	37	60174.06
## 67	Tokelau	1	37	51111.77
## 68	Grenada	0	37	43739.98
## 69	Indonesia	1	37	66923.44

## 70	Georgia	0	38	50571.46
## 71	French Polynesia	0	38	64867.15
## 72	Heard Island and Mcdonald Islands	1	38	47127.42
## 73	United States	1	38	79368.92
## 74	Jamaica	1	38	74590.25
## 75	Italy	0	38	49346.41
## 76	Colombia	1	38	49661.97
## 77	Kuwait	1	38	74445.73
## 78	Kyrgyzstan	0	38	75901.82
## 79	Zimbabwe	1	38	56039.50
## 80	Mozambique	1	39	50943.16
## 81	Guam	0	39	70463.99
## 82	Pakistan	1	39	59316.94
## 83	Jersey	1	39	69142.08
## 84	Guyana	0	39	69248.50
## 85	Cocos (Keeling) Islands	0	39	77165.81
## 86	Saint Pierre and Miquelon	1	39	69897.75
## 87	Marshall Islands	0	39	63675.93
## 88	Mauritania	1	39	55285.99
## 89	Samoa	1	39	41587.39
## 90	Morocco	1	39	55618.07
## 91	South Sudan	1	39	58632.59
## 92	Solomon Islands	0	39	66680.27
## 93	Malawi	1	39	65019.16
## 94	Macedonia	0	40	69612.01
## 95	Dominican Republic	1	40	62891.87
## 96	Botswana	1	40	68859.56
## 97	?land Islands	0	40	74445.08
## 98	Ecuador	1	40	48567.07
## 99	Anguilla	0	40	69506.62
## 100	Jersey	1	40	36929.35
## 101	Iraq	0	40	64328.28
## 102	Uganda	0	40	71271.84
## 103	Latvia	0	40	71148.20
## 104	Sierra Leone	0	40	70051.94
## 105	Saint Barth?lemy	1	40	63210.76

## 106	Thailand	1	40	67772.67
## 107	French Polynesia	1	40	53921.33
## 108	Puerto Rico	1	40	57455.76
## 109	Martinique	1	40	70381.37
## 110	Cura?ao	0	40	60380.23
## 111	Honduras	0	40	47569.44
## 112	Anguilla	1	40	71193.73
## 113	Colombia	1	40	36960.77
## 114	Slovakia	0	40	76086.84
## 115	Christmas Island	1	40	56086.45
## 116	Uruguay	1	40	57777.16
## 117	Malawi	0	40	40727.39
## 118	Belize	0	41	66646.89
## 119	Taiwan	1	41	60181.41
## 120	Turks and Caicos Islands	1	41	38406.78
## 121	Jordan	0	41	63429.93
## 122	Mauritania	1	41	65554.40
## 123	Samoa	1	41	72299.95
## 124	Uganda	1	41	73426.09
## 125	Pakistan	0	41	72277.83
## 126	Canada	1	41	59060.09
## 127	Turkmenistan	0	41	73498.31
## 128	Mauritania	1	41	60657.59
## 129	Western Sahara	0	41	92471.18
## 130	Syria	1	41	54742.39
## 131	Cayman Islands	1	41	79444.01
## 132	Kyrgyzstan	1	41	65826.12
## 133	Hungary	0	41	79064.96
## 134	Grenada	0	41	57303.83
## 135	Turkey	1	41	60101.80
## 136	Nepal	0	41	71942.40
## 137	Bulgaria	0	42	62812.09
## 138	Turkey	0	42	66417.67
## 139	Djibouti	1	42	56098.51
## 140	Cape Verde	1	42	55207.46
## 141	Paraguay	1	42	46689.42

## 142	Laos	0	42	71847.25
## 143	Cameroon	1	42	44376.62
## 144	Togo	0	42	51075.46
## 145	San Marino	1	42	69946.94
## 146	Andorra	1	42	53427.46
## 147	Thailand	1	42	65714.46
## 148	Algeria	0	42	60432.40
## 149	Faroe Islands	0	42	38284.02
## 150	French Polynesia	1	42	61693.44
## 151	Belarus	0	42	70361.02
## 152	Papua New Guinea	0	42	51539.93
## 153	Guatemala	0	42	62426.52
## 154	Tanzania	0	42	56174.34
## 155	Morocco	1	42	63875.21
## 156	American Samoa	0	42	38453.86
## 157	Bouvet Island	1	42	71371.93
## 158	Jersey	0	42	64412.43
## 159	Mauritania	1	42	55514.99
## 160	Namibia	0	42	65605.42
## 161	United States Minor Outlying Islands	1	42	58243.18
## 162	Mauritania	0	42	61575.95
## 163	Algeria	1	43	53798.55
## 164	Somalia	1	43	53457.10
## 165	Slovenia	1	43	51419.51
## 166	Marshall Islands	0	43	70187.50
## 167	Kyrgyzstan	1	43	59195.83
## 168	Macao	0	43	50889.34
## 169	Laos	1	43	71716.46
## 170	Guam	0	43	46261.43
## 171	Nepal	1	43	69175.19
## 172	Israel	0	43	45721.67
## 173	Aruba	0	43	51419.02
## 174	Guadeloupe	1	43	42375.21
## 175	Liechtenstein	0	43	42978.34
## 176	Sao Tome and Principe	1	43	72002.06
## 177	Venezuela	1	43	66013.95

## 178	French Southern Territories	1	43	54749.89
## 179	Poland	1	43	62563.58
## 180	Liechtenstein	0	43	74090.51
## 181	Turks and Caicos Islands	1	43	52664.72
## 182	Guinea	1	43	66813.66
## 183	Belgium	1	43	54236.62
## 184	Dominican Republic	0	43	60325.21
## 185	Lithuania	0	43	74834.57
## 186	Portugal	0	43	60862.98
## 187	Senegal	1	43	57376.48
## 188	Isle of Man	1	43	72016.92
## 189	Congo (Brazzaville)	0	43	85475.64
## 190	Chile	0	43	56687.94
## 191	Poland	0	43	49463.06
## 192	Luxembourg	1	43	71753.31
## 193	India	0	43	68921.40
## 194	Israel	0	43	76523.33
## 195	Malaysia	0	43	50051.14
## 196	Wallis and Futuna	0	43	77665.17
## 197	Nicaragua	0	44	37336.34
## 198	Sint Maarten	1	44	55406.46
## 199	Ecuador	1	44	63087.95
## 200	Venezuela	0	44	75460.52
## 201	United Arab Emirates	0	44	82573.01
## 202	South Africa	1	44	60871.18
## 203	Guinea	1	44	47592.05
## 204	Israel	1	44	54918.39
## 205	Marshall Islands	0	44	56437.30
## 206	Grenada	0	44	65529.70
## 207	Maldives	0	44	66932.47
## 208	Austria	1	44	45504.75
## 209	Kuwait	0	44	70136.83
## 210	Macao	0	44	63305.85
## 211	United States	1	44	47230.92
## 212	Saint Vincent and The Grenadines	0	44	76245.24
## 213	Antarctica	1	44	67121.32

## 214	Angola	0	44	59801.06
## 215	Armenia	0	44	70230.15
## 216	Slovakia	0	44	64961.39
## 217	Egypt	1	44	59712.31
## 218	Micronesia	1	44	60487.90
## 219	New Zealand	0	44	65364.06
## 220	Tokelau	0	45	63259.88
## 221	Palestine, State of	1	45	50280.00
## 222	China	0	45	52697.15
## 223	Maldives	1	45	60575.13
## 224	Qatar	0	45	63729.13
## 225	Martinique	1	45	52632.97
## 226	Bolivia	1	45	51906.85
## 227	Austria	1	45	59689.81
## 228	?land Islands	1	45	62043.17
## 229	Laos	0	45	59331.24
## 230	French Polynesia	1	45	72316.18
## 231	Greece	0	45	63687.50
## 232	Bahrain	1	45	62939.13
## 233	Philippines	0	45	68499.69
## 234	Turkmenistan	0	45	72939.83
## 235	Samoa	1	45	74173.39
## 236	Croatia	1	45	66747.67
## 237	Moldova	1	45	88816.03
## 238	Mauritius	0	45	79781.90
## 239	Greenland	1	45	56687.41
## 240	Marshall Islands	0	45	63561.05
## 241	Niger	1	45	80015.83
## 242	Northern Mariana Islands	1	45	63845.77
## 243	Nigeria	1	46	65176.69
## 244	Denmark	1	46	100000.00
## 245	Senegal	0	46	65311.68
## 246	Bhutan	1	46	58457.41
## 247	Vanuatu	0	46	68107.93
## 248	Bolivia	0	46	90556.63
## 249	Saint Lucia	1	46	73476.42

## 250	Kiribati	1	46	49398.74
## 251	Puerto Rico	1	46	62721.41
## 252	Israel	1	46	77146.28
## 253	Christmas Island	1	46	55434.04
## 254	Saint Barth?lemy	0	46	53382.43
## 255	?land Islands	1	46	82425.65
## 256	Switzerland	1	46	54362.70
## 257	Virgin Islands, British	0	46	63172.96
## 258	Belize	0	46	43412.86
## 259	Bangladesh	1	46	58948.93
## 260	Costa Rica	1	46	55293.58
## 261	Myanmar	1	46	63722.00
## 262	Syria	1	47	39814.52
## 263	Armenia	0	47	58139.26
## 264	Madagascar	1	47	52027.64
## 265	United States Minor Outlying Islands	0	47	69157.45
## 266	Central African Republic	1	47	56009.73
## 267	Ecuador	0	47	65468.14
## 268	Macao	0	47	57860.53
## 269	Greece	0	47	48123.37
## 270	Bahamas	1	47	40346.06
## 271	Guam	1	47	73096.51
## 272	Grenada	1	47	68431.27
## 273	China	0	47	62311.12
## 274	Yemen	0	47	61063.36
## 275	Cape Verde	1	47	54279.40
## 276	Saint Barth?lemy	1	47	72025.68
## 277	Ethiopia	0	47	50694.43
## 278	Liechtenstein	0	47	48591.57
## 279	Trinidad and Tobago	0	47	73502.12
## 280	Algeria	1	47	67647.75
## 281	Bouvet Island	1	47	66226.73
## 282	Micronesia	0	47	56692.78
## 283	Saint Martin	1	47	55657.66
## 284	Saint Vincent and The Grenadines	1	47	59205.89
## 285	Mali	0	47	58260.57

## 286	marlal	1	47	61370.68
## 287	Palestine, State of	0	48	68304.47
## 288	Portugal	1	48	52682.06
## 289	Angola	0	48	64347.35
## 290	French Guiana	1	48	80959.53
## 291	Slovakia	1	48	59139.21
## 292	Qatar	0	48	63975.06
## 293	Liechtenstein	0	48	57005.19
## 294	Lebanon	0	48	53870.48
## 295	Falkland Islands	1	48	52534.21
## 296	Mauritius	1	48	67247.08
## 297	Malta	1	48	86067.84
## 298	Laos	0	48	60608.40
## 299	Norfolk Island	1	48	56118.40
## 300	Italy	0	48	86706.33
## 301	Tonga	0	48	65530.36
## 302	Bonaire, Sint Eustatius and Saba	0	48	86565.16
## 303	Mozambique	0	48	67080.61
## 304	Mayotte	0	48	47227.02
## 305	Czech Republic	0	48	50017.38
## 306	Guinea	1	48	91083.74
## 307	Tunisia	1	48	57368.06
## 308	Equatorial Guinea	0	48	62175.69
## 309	Mauritania	0	48	56944.87
## 310	Bosnia and Herzegovina	1	48	45368.16
## 311	Greenland	0	48	45362.67
## 312	Egypt	0	49	68502.11
## 313	Saint Kitts and Nevis	0	49	65131.25
## 314	Monaco	0	49	56895.23
## 315	United Arab Emirates	0	49	77435.47
## 316	Equatorial Guinea	0	49	63732.39
## 317	Samoa	1	49	70737.29
## 318	Israel	1	49	64665.39
## 319	Guernsey	0	49	68114.60
## 320	Micronesia	1	49	71150.20
## 321	Turks and Caicos Islands	0	49	63718.88

## 322	Costa Rica	0	49	76870.01
## 323	Brazil	0	49	67629.85
## 324	Algeria	1	49	81997.33
## 325	Haiti	1	49	65850.48
## 326	Czech Republic	1	50	51752.23
## 327	Sint Maarten	1	50	73348.71
## 328	Suriname	1	50	47460.55
## 329	Benin	1	50	46609.52
## 330	Palau	1	50	60536.20
## 331	Myanmar	0	50	75958.28
## 332	Nepal	1	50	42433.55
## 333	Macedonia	1	50	88292.73
## 334	Serbia	1	50	52373.79
## 335	Palestine, State of	0	50	55381.53
## 336	Kenya	0	50	71693.45
## 337	Singapore	1	50	57770.36
## 338	Kyrgyzstan	1	50	55293.51
## 339	Bhutan	1	50	60382.18
## 340	Andorra	0	50	53587.13
## 341	Bosnia and Herzegovina	1	50	42003.02
## 342	Uruguay	0	50	74176.21
## 343	Madagascar	0	50	57600.60
## 344	Egypt	1	50	78518.22
## 345	Saint Pierre and Miquelon	1	51	82358.23
## 346	France	0	51	67904.40
## 347	Cambodia	0	51	59593.26
## 348	Ethiopia	0	51	52263.70
## 349	Argentina	0	51	57478.38
## 350	Liechtenstein	0	51	61809.07
## 351	Laos	1	51	83626.31
## 352	Equatorial Guinea	0	51	63869.65
## 353	Lithuania	0	51	34154.78
## 354	Yemen	0	51	85186.49
## 355	Bolivia	0	51	42415.49
## 356	Jordan	1	51	48958.91
## 357	Cocos (Keeling) Islands	0	51	63552.85

## 358	Madagascar	0	51	75116.11
## 359	Sao Tome and Principe	0	51	64854.34
## 360	Greenland	1	51	63678.15
## 361	Bermuda	0	51	60404.38
## 362	Kyrgyzstan	0	51	74810.89
## 363	Mayotte	0	51	82094.11
## 364	Iraq	0	51	74418.56
## 365	Equatorial Guinea	0	51	65245.57
## 366	Rwanda	0	51	71921.45
## 367	Dominican Republic	1	51	62788.94
## 368	Maldives	0	51	72262.20
## 369	Grenada	1	51	70275.69
## 370	Afghanistan	0	51	84120.95
## 371	Ukraine	0	51	92455.73
## 372	Turkmenistan	1	51	50153.44
## 373	Saint Kitts and Nevis	0	51	65846.51
## 374	Chad	1	52	54503.14
## 375	Sudan	1	52	63435.86
## 376	Sri Lanka	1	52	35069.42
## 377	Gambia	1	52	66478.01
## 378	Uganda	0	52	57262.80
## 379	Congo (Brazzaville)	0	52	65446.66
## 380	Timor-Leste	0	52	58143.06
## 381	Equatorial Guinea	0	52	65239.06
## 382	Bolivia	0	52	38213.89
## 383	Mongolia	1	52	56444.77
## 384	Seychelles	0	52	49393.47
## 385	New Caledonia	0	52	48746.72
## 386	Cape Verde	1	52	67729.97
## 387	Northern Mariana Islands	1	52	66088.02
## 388	Sao Tome and Principe	0	52	77345.62
## 389	Greenland	1	53	55421.66
## 390	Gabon	1	53	64662.30
## 391	Oman	0	53	53065.57
## 392	Iceland	0	53	54006.78
## 393	Viet Nam	0	53	47228.36

## 394	Puerto Rico	1	53	50867.94
## 395	Senegal	1	53	70896.73
## 396	Namibia	1	53	61858.19
## 397	Mayotte	1	53	65809.11
## 398	Slovenia	1	53	69255.99
## 399	Cura?ao	0	53	54382.75
## 400	Croatia	1	53	72226.56
## 401	Israel	1	53	70842.84
## 402	Sierra Leone	1	53	62713.78
## 403	South Africa	1	53	44747.66
## 404	United States Minor Outlying Islands	0	53	43019.85
## 405	Korea, South	1	53	75381.08
## 406	Canada	0	53	76318.88
## 407	Papua New Guinea	0	53	59297.42
## 408	Venezuela	1	53	62979.60
## 409	Benin	0	54	60991.82
## 410	Hong Kong	1	54	81757.67
## 411	Poland	0	54	65834.57
## 412	Saint Pierre and Miquelon	1	54	47684.46
## 413	Paraguay	0	54	55619.34
## 414	Iraq	1	54	58011.63
## 415	Argentina	0	54	79173.08
## 416	Guinea-Bissau	1	54	52786.20
## 417	Jamaica	1	54	75892.31
## 418	Philippines	1	54	68888.78
## 419	United Arab Emirates	0	55	72776.00
## 420	Timor-Leste	0	55	70787.28
## 421	Iceland	0	55	69236.69
## 422	Germany	0	55	62262.95
## 423	Vanuatu	1	55	75571.20
## 424	Ghana	0	55	45757.16
## 425	Saint Barth?lemy	1	55	72302.03
## 426	Kiribati	0	55	70914.60
## 427	Solomon Islands	0	55	62689.54
## 428	Namibia	1	55	83333.81
## 429	United Kingdom (Great Britain)	0	55	59486.27

## 430	Guadeloupe	0	55	72310.40
## 431	Belarus	0	55	63186.13
## 432	Nigeria	0	55	32697.98
## 433	Gambia	0	55	64430.07
## 434	Latvia	0	55	72424.80
## 435	Namibia	0	56	61388.63
## 436	Samoa	0	56	64616.69
## 437	Reunion	0	56	57393.83
## 438	Kiribati	1	56	67015.19
## 439	Zimbabwe	0	56	39488.46
## 440	Wallis and Futuna	1	56	62645.96
## 441	Saint Vincent and The Grenadines	1	56	66779.91
## 442	Mexico	1	56	46412.82
## 443	Viet Nam	1	56	77657.56
## 444	French Southern Territories	1	56	66505.38
## 445	Saint Helena, Ascension and Tristan da Cunha	0	56	54441.72
## 446	Brazil	1	57	59729.15
## 447	Liberia	1	57	68499.85
## 448	Guinea-Bissau	0	57	52422.95
## 449	Mauritius	1	57	48716.67
## 450	Guinea	1	57	53450.90
## 451	Falkland Islands	1	57	75247.18
## 452	Wallis and Futuna	0	57	68090.51
## 453	Martinique	1	57	72637.84
## 454	Cocos (Keeling) Islands	0	57	68782.16
## 455	Heard Island and Mcdonald Islands	0	57	50241.49
## 456	French Guiana	1	57	41236.36
## 457	Saint Barth?lemy	0	57	69810.46
## 458	Benin	0	57	59168.01
## 459	India	1	57	56066.08
## 460	Afghanistan	1	57	67752.38
## 461	Antarctica	0	57	65980.96
## 462	Tuvalu	0	57	58653.66
## 463	Cook Islands	1	58	79370.04
## 464	Indonesia	1	58	58065.26
## 465	Solomon Islands	0	58	50649.64

## 466	Senegal	0	58	73512.41
## 467	Isle of Man	1	58	64426.60
## 468	Malta	1	58	41409.29
## 469	Jamaica	0	58	61430.93
## 470	Iraq	0	59	55368.24
## 471	Ghana	1	59	50667.70
## 472	Liberia	0	59	66905.48
## 473	Venezuela	1	59	77662.11
## 474	Guam	1	59	70111.54
## 475	Botswana	1	59	49811.99
## 476	Tunisia	0	60	54122.88
## 477	Saint Kitts and Nevis	0	60	53229.15
## 478	Serbia	0	60	58837.97
## 479	Guadeloupe	0	60	81565.96
## 480	Yemen	1	60	39460.00
## 481	Nauru	1	61	79792.13
## 482	Bahrain	0	61	38779.18
## 483	Saint Kitts and Nevis	0	61	51086.88
## 484	Saint Pierre and Miquelon	0	61	61824.88
## 485	Faroe Islands	0	61	61639.76
## 486	San Marino	0	62	65617.29
## 487	Armenia	1	62	68149.63
## 488	Korea, South	1	62	66655.41
## 489	Niue	0	62	40387.92
## 490	France	0	62	63956.16
## 491	Northern Mariana Islands	0	63	44617.98
## 492	Croatia	0	63	46549.16
## 493	Isle of Man	1	63	75719.23
## 494	Latvia	1	63	64494.40
## 495	Bulgaria	1	63	60409.76
## 496	Bahamas	1	63	71948.81
## 497	Guernsey	0	64	61666.29
## 498	China	1	65	70703.85
## 499	Haiti	0	70	52323.24
## 500	Viet Nam	1	70	41434.51
##	credit_card_debt	net_worth	car_purchase_amount	

## 1	100.00	494606.63	28645.39
## 2	10917.14	326742.74	10092.23
## 3	11380.09	158758.36	9000.00
## 4	10888.93	606851.17	29670.83
## 5	13102.16	315775.32	37161.55
## 6	6354.83	613104.78	38705.66
## 7	10769.75	276466.62	21471.11
## 8	7357.79	404457.31	33640.74
## 9	10366.50	323453.20	27586.72
## 10	1726.81	552267.64	38174.87
## 11	10755.51	615720.04	25252.93
## 12	14261.81	579181.66	12895.71
## 13	8132.07	562663.81	42356.69
## 14	11398.82	572037.89	37947.85
## 15	8253.58	625484.09	44463.31
## 16	10693.89	549212.43	30964.08
## 17	11518.29	589180.45	35726.95
## 18	8511.84	528087.53	36367.18
## 19	8133.46	129635.63	22599.46
## 20	11164.53	301245.77	35139.25
## 21	9371.51	319837.66	17584.57
## 22	6147.92	441527.01	38399.46
## 23	13923.96	315183.57	38182.30
## 24	6904.42	478422.80	32608.45
## 25	4295.23	539365.94	27625.44
## 26	12024.48	133226.06	24184.07
## 27	8907.66	505897.30	35911.65
## 28	8203.56	537572.13	32291.19
## 29	13141.32	284155.42	24134.59
## 30	10814.58	485563.74	48785.16
## 31	7772.44	468238.79	47380.91
## 32	8493.10	411070.48	42213.70
## 33	9396.01	475126.13	31300.54
## 34	7594.36	543789.72	39433.41
## 35	9837.22	340663.33	30719.82
## 36	9344.32	290711.87	22630.26

## 37	12719.64	244310.57	41451.72
## 38	10008.77	573052.01	34521.18
## 39	8570.61	211168.63	12536.94
## 40	7234.67	275762.48	22091.12
## 41	8828.16	719846.98	31146.71
## 42	8851.56	385250.72	30826.11
## 43	12664.32	360457.05	38545.80
## 44	9221.27	457116.19	29540.87
## 45	9913.19	291897.41	30757.66
## 46	8837.65	312927.92	27586.20
## 47	11811.25	242292.92	22681.72
## 48	12071.42	97706.89	20653.21
## 49	12998.47	396793.47	37744.54
## 50	20000.00	335809.62	37303.57
## 51	9823.22	632600.47	46135.27
## 52	7666.53	516738.17	41137.89
## 53	10274.14	551344.34	46082.81
## 54	10188.69	141587.65	30419.80
## 55	4981.27	283241.28	19525.30
## 56	11216.89	583523.08	46381.13
## 57	9565.83	386128.13	39002.08
## 58	14562.64	537744.13	31540.78
## 59	14871.36	502946.88	40077.57
## 60	15796.32	375889.64	38930.55
## 61	7171.47	322905.46	36638.21
## 62	16305.79	619707.42	45805.31
## 63	12710.00	315058.72	42497.73
## 64	9384.07	366327.74	39083.94
## 65	10462.36	388284.30	37871.71
## 66	15666.43	271414.76	30667.61
## 67	9057.60	461366.78	31408.63
## 68	5933.18	517110.95	28164.86
## 69	8611.47	522814.82	41489.64
## 70	13338.33	348833.84	28031.21
## 71	13962.95	498441.57	41104.07
## 72	10221.15	427011.50	29052.10

## 73	13501.93	761935.52	56457.74
## 74	5614.00	573441.97	48349.16
## 75	5827.82	479685.98	31249.99
## 76	4679.44	375654.15	28733.69
## 77	7515.15	297964.26	40095.05
## 78	6512.71	357468.19	42905.54
## 79	12301.46	360419.10	31491.41
## 80	10816.89	299734.13	27815.74
## 81	10059.55	278799.70	38502.42
## 82	12296.34	510811.37	38504.39
## 83	8707.51	399124.45	40879.19
## 84	6445.78	298246.06	37879.65
## 85	8737.20	478853.32	47805.26
## 86	9624.91	565814.73	46389.50
## 87	9631.97	74257.83	29002.06
## 88	17462.08	734443.70	42990.29
## 89	5397.03	322891.78	23517.92
## 90	7557.66	854283.56	46398.35
## 91	12035.37	516817.32	38243.06
## 92	10263.15	556945.87	44430.63
## 93	4931.56	341330.73	37364.23
## 94	8125.60	499086.34	45078.40
## 95	12522.94	583230.98	43994.36
## 96	13417.02	486069.07	44650.36
## 97	7915.76	527420.73	48734.36
## 98	9724.03	407401.38	30394.82
## 99	5449.47	409293.27	42384.05
## 100	9719.19	245664.37	19553.27
## 101	13860.44	567357.03	44001.21
## 102	13122.46	411045.83	43855.06
## 103	7917.65	416817.47	43724.49
## 104	4701.32	613706.54	49050.85
## 105	3657.86	664431.40	46188.84
## 106	6887.25	134188.45	33261.00
## 107	9046.18	515305.48	37076.83
## 108	12186.03	159727.88	28440.81

## 109	6718.86	305253.27	39606.25
## 110	2799.72	508962.49	39975.43
## 111	7840.29	281690.84	26599.91
## 112	3854.73	762832.26	53993.44
## 113	1768.87	630120.00	30736.58
## 114	9258.18	482866.55	48465.27
## 115	6588.61	228388.55	29519.56
## 116	19692.91	601210.28	41147.47
## 117	9725.55	508529.00	29556.79
## 118	9572.96	530973.91	45115.53
## 119	7094.90	390312.17	37883.24
## 120	11023.00	451846.20	27187.24
## 121	10676.22	481335.36	41903.65
## 122	12026.58	462613.86	42774.36
## 123	11544.93	275389.07	40660.38
## 124	14822.80	336867.71	43598.97
## 125	13580.88	202710.13	38674.66
## 126	5841.61	136346.31	29417.65
## 127	3066.94	491904.19	47610.12
## 128	3331.30	392177.79	38148.00
## 129	5404.40	515717.75	59096.27
## 130	10342.61	447393.49	36125.49
## 131	11620.11	627086.66	55174.99
## 132	11715.37	416748.73	41679.79
## 133	7221.67	365871.50	47719.48
## 134	10836.42	258194.84	32061.65
## 135	12989.37	340720.52	35823.55
## 136	6995.90	541670.10	48901.44
## 137	11609.38	238961.25	35321.46
## 138	9183.33	513340.01	45805.67
## 139	11675.28	320228.65	34215.76
## 140	9976.43	286062.52	32737.80
## 141	7829.57	615765.93	37348.14
## 142	4225.33	476088.40	47483.85
## 143	13865.09	259049.28	25971.96
## 144	12416.85	450402.29	34803.82

## 145	9010.65	778537.21	54973.02
## 146	7903.10	238529.63	30240.61
## 147	12557.08	362707.03	41026.02
## 148	11417.46	415005.36	39331.20
## 149	15467.79	587010.55	31697.00
## 150	10835.26	620522.38	45509.70
## 151	12024.73	575500.77	49336.12
## 152	6932.95	371355.69	32828.03
## 153	6619.93	630411.27	46412.48
## 154	10394.57	398011.58	36543.94
## 155	11397.69	188327.58	34678.83
## 156	15283.42	320834.01	24222.00
## 157	7094.83	321431.28	42704.32
## 158	10449.62	355175.37	39439.45
## 159	8009.72	394229.90	35784.42
## 160	13629.11	297540.88	38901.61
## 161	15149.03	649323.79	44500.82
## 162	594.80	497197.26	41984.62
## 163	11160.36	638467.18	42925.71
## 164	12884.08	476643.35	38189.51
## 165	11331.20	636407.11	41425.00
## 166	6841.54	662176.49	52954.93
## 167	8634.38	573054.38	43680.91
## 168	11041.18	448601.95	36019.96
## 169	8870.71	165866.20	39503.39
## 170	16767.26	759479.46	42187.68
## 171	6039.59	325701.41	42408.03
## 172	14250.52	790526.55	42592.89
## 173	9026.06	362564.35	33131.53
## 174	6062.60	510039.15	32700.28
## 175	8884.11	491193.38	32478.45
## 176	14709.66	568947.75	50702.18
## 177	7039.54	610942.14	49079.62
## 178	7631.69	152883.35	29092.13
## 179	6130.31	426488.75	41327.17
## 180	10877.69	225670.13	42321.57

## 181	14435.74	411932.82	35659.12
## 182	15458.69	600685.19	49065.16
## 183	7275.31	432447.53	37183.10
## 184	10128.12	62149.94	29754.66
## 185	9366.03	712233.82	56764.45
## 186	8033.55	344060.18	38138.58
## 187	12878.55	376886.36	37376.63
## 188	11602.74	205006.22	40589.86
## 189	13786.15	267555.12	49568.48
## 190	10827.16	790116.43	48516.84
## 191	6478.16	201636.87	27303.17
## 192	9119.79	400703.27	45824.57
## 193	8120.20	515012.28	47979.49
## 194	10373.01	620355.27	55377.88
## 195	893.24	347177.84	32553.53
## 196	13308.88	349588.56	47760.66
## 197	10218.32	430907.17	28700.03
## 198	9522.58	523251.27	41456.68
## 199	11024.03	496856.49	45167.33
## 200	6280.93	296972.41	45738.33
## 201	1696.99	562605.07	57306.33
## 202	4397.95	262959.25	36645.56
## 203	13167.66	473101.03	35438.81
## 204	8920.39	347017.83	36086.93
## 205	10461.98	249182.78	34139.64
## 206	3932.84	353929.55	41575.35
## 207	11033.16	149761.13	37084.78
## 208	9245.47	374777.69	31526.05
## 209	7765.98	555993.11	50188.87
## 210	16146.77	749016.57	52477.83
## 211	4421.15	558001.02	37259.84
## 212	6139.39	674190.69	57303.87
## 213	12087.38	472403.12	46402.54
## 214	8042.39	601744.96	45593.68
## 215	8542.02	320525.73	43898.27
## 216	6885.72	265717.25	39135.03

## 217	7135.99	487564.55	42705.11
## 218	9911.04	478428.72	42909.27
## 219	7839.41	579640.80	48052.65
## 220	11495.55	370356.22	41814.72
## 221	11350.49	230728.30	30841.00
## 222	861.82	540805.49	41221.25
## 223	8088.34	291360.03	38243.66
## 224	12507.20	271430.05	39766.65
## 225	12348.68	293999.94	33428.40
## 226	13686.97	85520.85	27810.22
## 227	14862.84	449895.30	42369.64
## 228	4980.67	357639.03	41265.53
## 229	10027.53	543313.35	45208.43
## 230	8728.92	279393.49	44846.69
## 231	13421.37	358615.93	42011.20
## 232	632.05	455589.80	44434.98
## 233	15436.80	308445.86	43401.57
## 234	7787.20	589669.66	54013.48
## 235	11315.60	521404.24	52709.08
## 236	9691.23	221290.98	39904.82
## 237	9317.22	493592.18	59758.73
## 238	11148.10	427287.63	52983.89
## 239	9050.28	414034.61	39888.60
## 240	3730.12	608019.63	49348.88
## 241	9064.62	508555.16	55420.57
## 242	7761.85	505048.76	46012.11
## 243	7698.55	497526.46	47240.86
## 244	17452.92	188032.08	58350.32
## 245	7988.75	215673.54	39810.35
## 246	12491.01	410655.99	41567.47
## 247	7813.60	455609.14	48266.76
## 248	13872.57	479586.94	61593.52
## 249	9656.81	386287.02	49142.51
## 250	6994.62	174525.84	29425.83
## 251	16127.57	494985.54	46054.60
## 252	7903.33	418764.51	52313.98

## 253	18693.15	316906.64	37093.92
## 254	5055.44	438491.88	39549.13
## 255	7525.25	684273.59	63038.20
## 256	15647.35	388898.07	38042.80
## 257	6332.20	456524.79	45112.95
## 258	7843.40	392003.29	32208.38
## 259	8282.08	205439.37	35475.00
## 260	8276.64	169476.00	32967.20
## 261	10711.44	316128.40	41352.47
## 262	5958.46	326373.18	28925.71
## 263	3440.82	630059.03	48013.61
## 264	11960.85	688466.05	46635.49
## 265	15791.61	506986.98	50958.08
## 266	11030.27	391848.60	40004.87
## 267	7248.54	588570.89	51402.62
## 268	7146.19	445745.55	42484.02
## 269	921.53	405550.17	36112.79
## 270	11505.90	255922.47	27889.95
## 271	10743.79	196421.74	44577.45
## 272	14088.91	383693.20	46643.27
## 273	9832.06	830430.37	56563.99
## 274	12066.27	509543.09	46892.27
## 275	5699.18	124979.05	31215.64
## 276	6988.65	222341.03	44736.41
## 277	10881.90	587858.63	42747.54
## 278	14309.21	364858.71	35716.31
## 279	11132.39	765711.60	60526.98
## 280	8767.78	787984.29	58641.71
## 281	8511.81	356213.08	45366.36
## 282	7946.44	685541.65	49079.29
## 283	9625.40	377424.62	39270.58
## 284	2689.32	856287.15	55700.83
## 285	4658.41	507572.64	45271.46
## 286	9391.34	462946.49	45107.23
## 287	9467.00	420322.07	49258.88
## 288	12514.52	549443.59	43901.71

## 289	10905.37	307226.10	43402.32
## 290	4499.92	379749.92	54823.19
## 291	4630.54	473845.85	45058.90
## 292	10614.85	891439.88	60461.24
## 293	12416.79	408147.04	41913.54
## 294	14720.53	701782.53	48622.66
## 295	7583.75	401955.50	39410.46
## 296	9851.69	368344.06	46453.35
## 297	9181.07	335652.62	56579.90
## 298	8233.28	492113.01	46325.51
## 299	9242.78	586717.47	46846.73
## 300	9653.26	333543.69	56499.10
## 301	8774.07	210573.70	41034.28
## 302	13701.80	819002.17	70878.30
## 303	7880.42	244188.00	42866.21
## 304	11312.51	642335.10	43503.97
## 305	7514.39	160487.00	31083.70
## 306	13148.86	387538.25	60960.83
## 307	10175.74	466128.91	43641.66
## 308	12967.28	343290.68	42919.52
## 309	16449.07	116407.53	33766.64
## 310	12203.49	577058.18	40102.11
## 311	2524.99	399437.52	35457.15
## 312	5831.12	515084.19	52474.72
## 313	6206.92	53366.14	37252.55
## 314	9851.58	580950.40	47693.23
## 315	6922.15	48620.32	44432.72
## 316	12848.20	581620.48	51730.17
## 317	13851.11	266765.48	46937.17
## 318	7404.08	521815.74	50666.88
## 319	11633.95	521061.11	52240.73
## 320	9849.00	480468.25	52889.56
## 321	11863.06	298920.01	43242.58
## 322	5575.32	266531.30	49991.61
## 323	10916.86	151946.31	41769.38
## 324	12616.46	237185.17	52056.41

## 325	3912.39	419556.62	47869.83
## 326	10985.70	629312.40	47434.98
## 327	8270.71	612738.62	59045.51
## 328	7405.53	430624.81	38978.67
## 329	7592.02	409419.58	38147.81
## 330	8244.47	173079.18	38955.22
## 331	10562.90	635512.36	60670.34
## 332	7335.52	386057.42	34642.60
## 333	10799.14	378357.94	60222.23
## 334	11347.63	633383.49	47604.35
## 335	5088.24	20000.00	31837.23
## 336	14421.48	517480.09	55592.70
## 337	8628.43	211765.25	38763.11
## 338	9465.09	629764.27	49220.02
## 339	11302.88	490444.41	48518.90
## 340	8501.50	811594.04	53502.98
## 341	6052.84	579220.04	40022.17
## 342	11894.42	290608.40	50296.67
## 343	10340.30	128387.93	35848.83
## 344	10072.48	294506.08	52785.17
## 345	8092.48	655934.47	66363.89
## 346	11417.31	487435.96	53489.46
## 347	12252.73	612242.78	51612.14
## 348	8838.76	213040.96	35928.52
## 349	2230.10	158979.71	37843.47
## 350	2620.08	407733.52	47143.44
## 351	8458.75	167031.56	52665.37
## 352	12860.66	260269.10	44418.61
## 353	5316.01	216355.34	26499.31
## 354	12413.03	546630.53	64545.16
## 355	5205.01	520997.24	39522.13
## 356	2418.86	615672.47	46380.45
## 357	9347.50	474763.47	50455.12
## 358	5969.67	232607.39	49721.31
## 359	3247.89	371240.24	47984.42
## 360	5011.62	563498.66	52654.40

## 361	4198.84	513974.68	49399.97
## 362	13658.34	286849.79	51405.55
## 363	1065.61	577272.68	63248.76
## 364	8632.70	472761.62	56071.61
## 365	11554.27	542777.49	53496.48
## 366	6354.37	169714.27	45857.75
## 367	13224.45	192514.64	41427.60
## 368	12124.82	187821.10	46935.73
## 369	10359.18	253181.98	47984.12
## 370	9596.51	27888.75	48955.86
## 371	9877.17	285326.35	61404.23
## 372	6596.01	266939.17	36517.71
## 373	9141.67	531840.33	53049.45
## 374	7377.82	431099.00	44633.99
## 375	11878.04	480588.23	51130.95
## 376	1851.98	353757.51	31978.98
## 377	13685.89	356553.40	49392.89
## 378	7793.07	322150.35	43264.05
## 379	8491.59	571564.79	54850.39
## 380	9686.12	261152.82	42209.29
## 381	7437.21	168703.34	42997.17
## 382	11492.74	579059.31	39892.93
## 383	11932.74	69821.64	35781.16
## 384	11521.62	475263.28	42793.99
## 385	3923.41	217188.41	34922.43
## 386	10279.91	314885.13	49248.11
## 387	6769.18	557098.96	55167.37
## 388	6736.75	665099.14	64188.27
## 389	10014.97	293862.51	42288.81
## 390	11326.03	481433.43	53017.27
## 391	17805.58	429440.33	44387.58
## 392	15189.09	246321.89	40093.62
## 393	9046.18	456634.21	42297.51
## 394	16732.31	344916.18	41357.18
## 395	11794.74	398746.85	54075.12
## 396	5189.08	706977.05	57441.44

## 397	4820.84	692401.47	59416.18
## 398	18361.25	339207.28	51551.68
## 399	6940.06	191168.45	38172.84
## 400	5817.15	623033.48	60865.76
## 401	9536.90	545947.00	58235.41
## 402	11498.04	679435.17	57461.51
## 403	4975.14	793986.62	50441.62
## 404	8527.03	454791.73	39422.79
## 405	7925.06	545125.96	60567.19
## 406	6392.21	245216.17	52150.42
## 407	9592.43	567842.13	52570.37
## 408	14297.25	247421.92	45015.68
## 409	7329.23	586368.93	54755.42
## 410	7500.78	278181.84	57430.77
## 411	15353.26	152012.35	44525.02
## 412	10128.76	613372.89	48300.02
## 413	11212.44	229070.55	41320.07
## 414	9822.43	552454.03	52116.91
## 415	6913.06	397700.14	59483.91
## 416	9246.81	556014.97	49442.12
## 417	8110.95	177878.18	51046.42
## 418	10611.61	764531.32	64147.29
## 419	10597.64	146344.90	49510.03
## 420	10155.34	853913.85	68925.09
## 421	9842.84	242495.99	49730.53
## 422	11785.88	301026.22	48104.11
## 423	12887.55	416540.30	58840.54
## 424	11207.02	465709.89	43405.89
## 425	10813.76	234159.08	51355.71
## 426	9644.41	779143.60	66888.94
## 427	8732.14	481513.51	53021.86
## 428	9874.08	1000000.00	80000.00
## 429	6515.34	228434.05	44424.08
## 430	3093.71	724025.41	65592.22
## 431	7122.16	762601.08	62028.71
## 432	10858.03	218808.76	28463.64

## 433	6924.11	664862.01	59538.40
## 434	9831.18	523680.77	60117.68
## 435	14270.01	341691.93	49091.97
## 436	12378.54	779925.79	63738.39
## 437	5627.80	411831.04	49373.38
## 438	13000.41	355157.64	52991.53
## 439	10992.33	363561.20	37714.32
## 440	11431.23	613242.17	58045.56
## 441	14300.13	202576.62	48025.03
## 442	11652.27	595028.84	47970.77
## 443	14438.24	622831.92	66648.25
## 444	3942.77	621309.59	59984.16
## 445	4362.72	432850.42	48383.69
## 446	5358.71	560304.07	55915.46
## 447	14179.47	428485.36	56612.00
## 448	6998.47	438067.75	48100.29
## 449	10886.92	662382.66	52707.97
## 450	8740.72	309113.06	44434.72
## 451	13258.47	659279.20	67120.90
## 452	6181.97	316064.03	53655.54
## 453	14938.51	352507.90	57125.42
## 454	9810.75	350157.84	54387.28
## 455	14817.71	607395.02	51683.61
## 456	9399.34	466988.26	42773.76
## 457	4684.56	720423.82	66158.69
## 458	10474.44	623487.60	56973.18
## 459	5235.76	497876.25	51866.49
## 460	13851.92	657178.41	63079.84
## 461	7009.19	173272.90	47715.96
## 462	17142.41	201228.02	44361.88
## 463	14426.16	548599.05	67422.36
## 464	4204.92	388498.51	50937.94
## 465	11211.72	565932.19	51941.68
## 466	11054.27	236420.97	54606.19
## 467	9514.65	137601.84	46710.53
## 468	8211.34	421318.98	42139.65

## 469	11561.07	421891.85	53110.88
## 470	13272.95	566022.13	54827.52
## 471	9871.40	536665.05	51221.04
## 472	10077.50	651215.64	64391.69
## 473	13444.90	331460.47	61118.47
## 474	7949.46	239217.67	53848.76
## 475	14013.03	337826.64	45442.15
## 476	15164.88	254617.26	45977.13
## 477	10756.61	112127.26	41673.45
## 478	12788.82	622324.75	59625.03
## 479	9072.06	544291.95	69669.47
## 480	8769.29	571245.37	47443.74
## 481	14245.53	497950.29	68678.44
## 482	12758.90	581497.89	47935.94
## 483	12254.54	59630.08	39911.61
## 484	11212.00	660897.01	63140.05
## 485	17870.64	684209.55	63868.94
## 486	14392.29	560593.42	62864.43
## 487	9560.45	401916.10	60390.07
## 488	8001.64	805075.52	70598.97
## 489	5761.40	622569.60	50539.90
## 490	16978.53	360787.64	56510.13
## 491	9683.74	251702.12	42978.35
## 492	640.05	626163.83	55543.38
## 493	10515.28	474485.67	67092.23
## 494	8765.62	408679.86	58667.07
## 495	9611.32	255285.41	51922.08
## 496	8061.97	365862.78	61731.71
## 497	11672.72	299854.22	55125.93
## 498	5025.37	284991.74	60763.25
## 499	12438.86	346555.17	56229.41
## 500	6810.56	252220.29	47009.58

If there are two or more sort conditions, you can write them together with , and use the desc command to sort in descending order. Below is an example of sorting in ascending order on Age and descending order on gender.

```
## dfdata[order(dfdata$age, -dfdata$gender), ]
dfdata %>% arrange(age, desc(gender))
```

```
##           customer.name
## 1             Camden
## 2         Uriel Bradshaw
## 3             Tatyana
## 4         Jelani A. Wall
## 5             Ulric Lynn
## 6     Calvin A. Lancaster
## 7             Heather
## 8         Brian Mathews
## 9         Lionel McClure
## 10            Josiah
## 11     Irwin, Dillon J.
## 12     Ferdinand Weber
## 13     Ruiz, Rafael L.
## 14     Macdonald, Rahim B.
## 15         Rashad Harper
## 16 Nathaniel P. Stephens
## 17     Knapp, Quamar P.
## 18     Jensen, Ebony Y.
## 19             Nola
## 20             Avey
## 21     Herman Stevenson
## 22         Cally Montoya
## 23     Isaiah Harding
## 24         Nero Miranda
## 25     Indira A. Aguilar
## 26     Octavius C. Spencer
## 27     Kasimir Q. Cherry
## 28     Mayer, Paki D.
## 29             Trevor
## 30             Brandon
## 31         Marny Vargas
## 32         Vernon Kidd
```

## 33	Palmer Cohen
## 34	Dieter Delaney
## 35	Marvin Garner
## 36	Fuentes, Dora E.
## 37	Cervantes, Rylee Q.
## 38	Sexton, Shaeleigh H.
## 39	Dudley, Ryder M.
## 40	Houston, Grant O.
## 41	Ross, Kermit D.
## 42	Edward
## 43	Lamar Hensley
## 44	Dean Snider
## 45	Urielle M. Contreras
## 46	Dillon, Lynn W.
## 47	Otto Oneill
## 48	Hakeem Mendoza
## 49	Lael W. Sheppard
## 50	Laurel H. Snow
## 51	Caldwell
## 52	Donovan
## 53	Wilma L. Stevenson
## 54	Thompson, Alvin R.
## 55	Beach, Victor S.
## 56	Francesca Cervantes
## 57	September Puckett
## 58	Orson Hyde
## 59	August Duncan
## 60	Alfreda V. Harrell
## 61	Blair, Abra U.
## 62	Curran
## 63	Cheryl
## 64	Ralph Rich
## 65	Julian Alexander
## 66	Gross, Cedric D.
## 67	Chavez, Ralph U.
## 68	Penelope

## 69	Igor
## 70	Chancellor Patel
## 71	Shad K. Hancock
## 72	Taylor A. Patel
## 73	Armstrong, Naomi D.
## 74	Reed
## 75	Vanna
## 76	Ryder Shaffer
## 77	Eric Green
## 78	Jorden I. Whitley
## 79	Adrienne
## 80	Eric Noel
## 81	Allen Burke
## 82	Baker Norton
## 83	Bell K. Romero
## 84	Drake D. Gray
## 85	Powers, Naomi B.
## 86	Burke, Simon H.
## 87	Hillary
## 88	Zephania
## 89	Peter Stout
## 90	Marshall Armstrong
## 91	Indigo P. Dejesus
## 92	Cassady L. Foreman
## 93	Francis
## 94	Castor Wood
## 95	Adrienne Bolton
## 96	Abel Stanton
## 97	Teegan Barr
## 98	Jelani F. Pace
## 99	Lillith H. Larsen
## 100	Chester X. Carrillo
## 101	Zenia H. Patel
## 102	Gregory, Reuben Z.
## 103	Wolf, Tashya X.
## 104	Stone

## 105	Madeson
## 106	Ora
## 107	Caryn Hendrix
## 108	Quon Carroll
## 109	Reed Roman
## 110	Nolan Nixon
## 111	Trevor Faulkner
## 112	Philip Barnes
## 113	Tanek Koch
## 114	Harmon, David N.
## 115	Church, Lareina E.
## 116	Kane
## 117	Piper
## 118	Reese Vance
## 119	Magee Davidson
## 120	Gannon Marquez
## 121	Hammett A. Manning
## 122	Heather G. Goodwin
## 123	Quinlan U. Sears
## 124	Michelle R. Burke
## 125	Sanders, Selma F.
## 126	Little, Hayley R.
## 127	Decker, Jolie T.
## 128	Isabella
## 129	Harlan Barnes
## 130	Davis Scott
## 131	Piper S. Houston
## 132	Lester J. Burch
## 133	Flores, Caldwell U.
## 134	Rhonda
## 135	Olivia
## 136	Walter
## 137	Lee Taylor
## 138	Armando Hensley
## 139	Rowan Kidd
## 140	Len Phillips

## 141	Wing Parks
## 142	Victor Yang
## 143	Graiden Powell
## 144	Harding E. York
## 145	Holloway, Brennan Q.
## 146	Munoz, Kennedy K.
## 147	Leroy
## 148	Brock
## 149	Martina Avila
## 150	Rachel Ashley
## 151	Gwendolyn Rice
## 152	Tanner Ward
## 153	Burton Carroll
## 154	Drake Chen
## 155	Quincy Q. Ayers
## 156	Clementine X. Powell
## 157	Dennis N. Thompson
## 158	Casey, Sylvia E.
## 159	Nieves, Bertha O.
## 160	Irma
## 161	Aristotle
## 162	Neville
## 163	Naomi Rodriquez
## 164	Rhonda Chavez
## 165	Charlotte Waller
## 166	Lev Kramer
## 167	Holmes Lane
## 168	Dominic Hughes
## 169	Stone Koch
## 170	Honorato M. Butler
## 171	Brendan G. Kelley
## 172	Damon K. Boone
## 173	Tobias L. Sullivan
## 174	Reese, Sylvia H.
## 175	Valdez, Joy U.
## 176	Cote, Evangeline F.

## 177	Dexter
## 178	Nathan
## 179	Veda
## 180	Olga Serrano
## 181	Jared Green
## 182	Gage Marquez
## 183	Solomon Atkinson
## 184	Lucian Medina
## 185	Jeanette Q. Leach
## 186	Herman, Griffith P.
## 187	Stafford, Berk Y.
## 188	Collier, Xerxes Q.
## 189	Kyra
## 190	Lani
## 191	Aileen
## 192	Judith
## 193	Laurel
## 194	Bert
## 195	Courtney
## 196	Winter
## 197	Ila Farrell
## 198	Alexander York
## 199	Cain Love
## 200	Peter Maynard
## 201	Tiger I. Melton
## 202	Langley, Skyler J.
## 203	Bradford, Daquan F.
## 204	Walter
## 205	Kristen
## 206	Holly
## 207	Quin Smith
## 208	Dominic McIntosh
## 209	Kadeem Larsen
## 210	Anjolie A. Galloway
## 211	Colleen S. Mcguire
## 212	Dyer, Aline L.

## 213	Russo, Fleur N.
## 214	Kim, Claudia W.
## 215	Solis, Melissa T.
## 216	Rafael
## 217	Victor
## 218	Demetria
## 219	Todd
## 220	Owen Jacobson
## 221	Hector Bowers
## 222	Yoshio Potter
## 223	Nolan Conner
## 224	Hop Farley
## 225	Alan Browning
## 226	Quinlan S. Cantu
## 227	Zane I. Boone
## 228	Leila F. Hubbard
## 229	Derek X. Richards
## 230	Dalton, Grant D.
## 231	Terry, Mollie K.
## 232	Uriah
## 233	Paula
## 234	Blaine Bender
## 235	Cleo Moore
## 236	Tate Molina
## 237	Christian Huffman
## 238	Wade O. Diaz
## 239	Rooney R. Padilla
## 240	Gray F. Walker
## 241	Wise, Mechelle E.
## 242	West, April J.
## 243	Nola Wiggins
## 244	Gemma Hendrix
## 245	Lael Wright
## 246	Oleg Gordon
## 247	Tanner Johnson
## 248	Cody G. Gill

249 Mark V. Vaughn
250 Shaeleigh M. Mckenzie
251 England, Abel D.
252 Lawrence, Hope Z.
253 Jelani
254 Tamekah
255 Jonah
256 Quon Hull
257 Morgan William
258 Glenna Graham
259 Mechelle W. Stanton
260 Florence
261 Hiram
262 Griffin Rivera
263 Micah Wheeler
264 Ariana Nash
265 Chancellor Padilla
266 Velma K. Moses
267 Mariam I. Montgomery
268 Lana S. Pace
269 Evangeline G. Cooper
270 Schultz, Lee I.
271 Olson, Riley O.
272 Jenkins, Hasad P.
273 Smith, Nola H.
274 Marla
275 Marny Obrien
276 Hedley Greene
277 Merrill Bailey
278 Quentin Randall
279 Devin Humphrey
280 Pamela M. Cantu
281 Keegan Q. Ramirez
282 Florence U. Hunter
283 Frazier, Kai O.
284 Mcdowell, Victoria J.

## 285	Bush, Jessica C.
## 286	Harriet
## 287	Stephen Lindsey
## 288	Christopher Stevens
## 289	Matthew Colon
## 290	Benedict Serrano
## 291	Holmes Irwin
## 292	Ulric Robles
## 293	Zahir A. Estes
## 294	Daugherty, Veda M.
## 295	Hopper, Orson W.
## 296	Seth
## 297	Tatum Moon
## 298	Zelenia Byers
## 299	Yasir Tyler
## 300	Dolan Clayton
## 301	Todd Bass
## 302	Timothy J. Terrell
## 303	Michelle W. Ryan
## 304	Dominic I. Faulkner
## 305	Madeson R. Salinas
## 306	Stephens, Tanner E.
## 307	Shaw, Rooney Q.
## 308	Caldwell, Yolanda F.
## 309	Whitaker, Adena B.
## 310	Cameran
## 311	Kai
## 312	Kieran G. Justice
## 313	Mcclure, Avye L.
## 314	Hardy, Hilary R.
## 315	Hyatt
## 316	Dennis
## 317	Emerald Hamilton
## 318	Kyle Evans
## 319	Mannix Snow
## 320	Emerald U. Hanson

## 321	Pascale I. Key
## 322	Hudson, Maxwell F.
## 323	Seth
## 324	Blaze
## 325	Yvette
## 326	Orli Casey
## 327	Jerome Rowe
## 328	Amery Cortez
## 329	Dorian Hernandez
## 330	Kitra Kerr
## 331	Wing Gray
## 332	Reuben Holden
## 333	Stuart Reed
## 334	Ahmed Wright
## 335	Christian Hernandez
## 336	Vaughan L. Mathis
## 337	Ashley, Macon Z.
## 338	Merrill
## 339	Yen Santana
## 340	Darius Herring
## 341	Gannon Nguyen
## 342	Tanisha H. Foster
## 343	Livingston, Lucas K.
## 344	Sutton, Michelle D.
## 345	Dahlia Cleveland
## 346	Ulysses Craig
## 347	Seth Massey
## 348	Len B. Finley
## 349	Levy, Wesley S.
## 350	Rosario, Elijah N.
## 351	Mia
## 352	Keane Browning
## 353	Coby Charles
## 354	Fredericka Sanders
## 355	Kenneth Pope
## 356	Rigel Craft

## 357	Gabriel Carson
## 358	Baker Saunders
## 359	Phelan Montoya
## 360	Kieran Gilliam
## 361	Otto Thomas
## 362	Moses Blackburn
## 363	Emerald R. Cohen
## 364	Zelenia L. Lowe
## 365	Ulysses X. Burch
## 366	Oconnor, Linus Q.
## 367	Jimenez, Joel G.
## 368	Armstrong, Hedda N.
## 369	Brady, Oscar Y.
## 370	Oneill, Tiger A.
## 371	Watson, Moana M.
## 372	Vaughan
## 373	Isaac
## 374	Sloane Mann
## 375	Blythe Romero
## 376	Rafael Peterson
## 377	Miranda Berry
## 378	Rush, Jarrod T.
## 379	Wayne
## 380	Serena
## 381	Quail D. Horne
## 382	Nora X. Decker
## 383	Keiko O. Whitaker
## 384	Callum U. Sweet
## 385	Bond, Nyssa S.
## 386	Ortiz, Drew P.
## 387	Lyle
## 388	Rigel
## 389	Akeem Gibson
## 390	Thomas Williams
## 391	Orson Kirby
## 392	Martina Fuentes

393 Travis Burks
 ## 394 Marvin Deleon
 ## 395 Oren Rosario
 ## 396 Malachi Henson
 ## 397 Kyle R. Kaufman
 ## 398 Odette Q. Sherman
 ## 399 Kirestin F. Yang
 ## 400 Blackburn, Joel Y.
 ## 401 Justine
 ## 402 Hedda Miranda
 ## 403 Sawyer Carney
 ## 404 Raya Shields
 ## 405 Kermit Fuentes
 ## 406 Morales, Halla M.
 ## 407 Urielle
 ## 408 Kyle
 ## 409 Cameron Cash
 ## 410 Yardley W. Jacobson
 ## 411 Hammett F. Marsh
 ## 412 Bond, Caryn Y.
 ## 413 Rogan
 ## 414 Pearl
 ## 415 Adrian Brock
 ## 416 Abra D. Golden
 ## 417 Jennifer C. Williamson
 ## 418 Solomon P. Randolph
 ## 419 Jamal Stephenson
 ## 420 Samson N. Wagner
 ## 421 Cameron, Kimberley P.
 ## 422 Sharon Sharpe
 ## 423 Quincy Bell
 ## 424 Gareth Morris
 ## 425 Yuli Craig
 ## 426 Cathleen E. Ortega
 ## 427 Rae C. Hodge
 ## 428 Nola L. Sweeney

429 Patrick, Merritt L.
 ## 430 Hampton, Venus Q.
 ## 431 Stacy
 ## 432 India
 ## 433 Gloria
 ## 434 Nolan
 ## 435 Quinlan Harris
 ## 436 Ali Strong
 ## 437 Rachel H. Ballard
 ## 438 Barr, Hyatt D.
 ## 439 Jolene
 ## 440 Kaitlin
 ## 441 Alma Pope
 ## 442 Leilani Gross
 ## 443 Marvin Becker
 ## 444 Sebastian Marks
 ## 445 Barclay
 ## 446 Cedric Leach
 ## 447 Carla Hester
 ## 448 Nissim Acosta
 ## 449 Adria Mathis
 ## 450 Quamar Cummings
 ## 451 Hector Price
 ## 452 Serena B. Moody
 ## 453 Rivers, Sonya A.
 ## 454 Lewis, Jackson U.
 ## 455 Roanna Knox
 ## 456 Barry Larsen
 ## 457 Nasim Ryan
 ## 458 Lamar V. Guthrie
 ## 459 MacKenzie O. Fowler
 ## 460 Sandra J. Huber
 ## 461 Park, Quincy A.
 ## 462 Oleg
 ## 463 Jade Cunningham
 ## 464 Eagan Woodward

465 Delgado, Jasper U.
 ## 466 Brady
 ## 467 Todd Maldonado
 ## 468 Rodriguez, Basia D.
 ## 469 Chester
 ## 470 Desirae Stone
 ## 471 Lynn S. Avery
 ## 472 Rachel E. Suarez
 ## 473 Nell
 ## 474 Athena Wolf
 ## 475 Chaim Lewis
 ## 476 Dolan
 ## 477 Lawrence Ryan
 ## 478 Hanna C. Martinez
 ## 479 Livingston, Blaze Y.
 ## 480 Diana
 ## 481 Tamara Guy
 ## 482 Nero Morgan
 ## 483 Levy, Irma P.
 ## 484 Chaney, Reuben I.
 ## 485 Benjamin
 ## 486 Mcdaniel, Marcia Z.
 ## 487 Melodie
 ## 488 Elliott Horne
 ## 489 Denise
 ## 490 Gil
 ## 491 Chambers, Avram C.
 ## 492 Sims, Tashya J.
 ## 493 Holmes, Ross Y.
 ## 494 Illana
 ## 495 Stone Hunt
 ## 496 Abigail X. Lindsey
 ## 497 Hector F. Leblanc
 ## 498 Kylee O. Warner
 ## 499 Tate C. Foster
 ## 500 Gil Sanders

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41 Donec@lacusQuisquepurus.net
42 rutrum.urna@faucibusidlibero.co.uk
43 erat@pedeac.co.uk
44 tempus@sit.ca
45 elit.Aliquam.auctor@dolor.org
46 ornare.egestas.ligula@urnaVivamusmolestie.com
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64 et@tellus.edu
65 Integer.id.magna@consequatenimdiam.co.uk
66 aliquam.adipiscing@maurissapien.edu
67 Aenean@interdum.edu
68 vestibulum@metus.org
69 Proin.eget@aliquetnecimperdiet.org
70 metus.eu.erat@suscipitnonummy.com
71 sit.amet@Proin.org

72 erat.vitae.risus@temporarcu.edu
 ## 73 nunc.sed.pede@Quisqueporttitor.net
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 ## 75 Cum.sociis.natoque@Sedmolestie.edu
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 ## 77 arcu.vel.quam@magnaPraesentinterdum.co.uk
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 ## 79 mauris.Morbi@ligulatortordictum.net
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 ## 89 dictum.mi.ac@semperrutrumFusce.com
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 ## 94 velit.Pellentesque@Nulla.net
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## 500	eu.ultrices@cursuset.net
##	country gender age annual_Salary
## 1	Congo (Brazzaville) 1 20 70467.29
## 2	Turkey 1 22 43131.78

## 3	Norfolk Island	0	25	45092.74
## 4	Brazil	0	27	55369.73
## 5	Colombia	0	28	82842.53
## 6	South Africa	1	29	69171.95
## 7	Madagascar	1	29	55433.61
## 8	Bhutan	1	30	68289.18
## 9	Saudi Arabia	1	30	61922.90
## 10	Bolivia	1	30	70076.23
## 11	Tokelau	0	31	41361.95
## 12	Suriname	1	32	20000.00
## 13	Uruguay	1	32	54395.05
## 14	South Georgia and The South Sandwich Islands	1	32	60384.35
## 15	Timor-Leste	0	32	73768.12
## 16	Guatemala	0	32	65312.97
## 17	El Salvador	0	32	73935.74
## 18	Portugal	0	32	64874.03
## 19	Montenegro	0	32	60584.85
## 20	Armenia	0	32	73558.87
## 21	Costa Rica	1	33	39627.12
## 22	Sierra Leone	1	33	71055.42
## 23	Bouvet Island	1	33	76916.42
## 24	Bhutan	1	33	58999.89
## 25	Virgin Islands, United States	1	33	47211.67
## 26	Bangladesh	0	33	61889.62
## 27	Andorra	0	33	63065.12
## 28	Somalia	0	33	54912.44
## 29	Chile	0	33	54447.15
## 30	Suriname	0	33	87598.02
## 31	Egypt	1	34	84467.79
## 32	Macedonia	1	34	77206.48
## 33	Virgin Islands, British	1	34	61177.09
## 34	Peru	0	34	55576.84
## 35	Djibouti	0	34	65919.60
## 36	Sierra Leone	0	34	49607.23
## 37	Gambia	1	35	47054.14
## 38	Niue	1	35	40300.49

## 39	Falkland Islands	1	35	56807.02
## 40	Bermuda	1	35	72948.12
## 41	Australia	1	35	61723.01
## 42	Greenland	1	35	55418.76
## 43	Japan	0	35	84171.17
## 44	Christmas Island	0	35	54355.76
## 45	Bolivia	0	35	33423.00
## 46	Western Sahara	0	35	51428.66
## 47	Mozambique	1	36	49483.83
## 48	Kuwait	1	36	52477.66
## 49	Armenia	1	36	67249.06
## 50	Andorra	1	36	69494.70
## 51	Iceland	1	36	67508.12
## 52	Saint Vincent and The Grenadines	1	36	40558.75
## 53	Sao Tome and Principe	0	36	70334.43
## 54	Iraq	0	36	67032.16
## 55	Chile	0	36	74420.10
## 56	Mongolia	1	37	72471.82
## 57	Kazakhstan	1	37	69453.72
## 58	Djibouti	1	37	68688.40
## 59	Saint Martin	1	37	67545.96
## 60	Algeria	1	37	68691.17
## 61	Belize	1	37	70621.52
## 62	Tokelau	1	37	51111.77
## 63	Indonesia	1	37	66923.44
## 64	Tuvalu	0	37	47399.23
## 65	Guinea	0	37	64315.74
## 66	Bhutan	0	37	78805.00
## 67	Tuvalu	0	37	67548.77
## 68	Luxembourg	0	37	60174.06
## 69	Grenada	0	37	43739.98
## 70	Heard Island and Mcdonald Islands	1	38	47127.42
## 71	United States	1	38	79368.92
## 72	Jamaica	1	38	74590.25
## 73	Colombia	1	38	49661.97
## 74	Kuwait	1	38	74445.73

## 75	Zimbabwe	1	38	56039.50
## 76	Georgia	0	38	50571.46
## 77	French Polynesia	0	38	64867.15
## 78	Italy	0	38	49346.41
## 79	Kyrgyzstan	0	38	75901.82
## 80	Mozambique	1	39	50943.16
## 81	Pakistan	1	39	59316.94
## 82	Jersey	1	39	69142.08
## 83	Saint Pierre and Miquelon	1	39	69897.75
## 84	Mauritania	1	39	55285.99
## 85	Samoa	1	39	41587.39
## 86	Morocco	1	39	55618.07
## 87	South Sudan	1	39	58632.59
## 88	Malawi	1	39	65019.16
## 89	Guam	0	39	70463.99
## 90	Guyana	0	39	69248.50
## 91	Cocos (Keeling) Islands	0	39	77165.81
## 92	Marshall Islands	0	39	63675.93
## 93	Solomon Islands	0	39	66680.27
## 94	Dominican Republic	1	40	62891.87
## 95	Botswana	1	40	68859.56
## 96	Ecuador	1	40	48567.07
## 97	Jersey	1	40	36929.35
## 98	Saint Barth?lemy	1	40	63210.76
## 99	Thailand	1	40	67772.67
## 100	French Polynesia	1	40	53921.33
## 101	Puerto Rico	1	40	57455.76
## 102	Martinique	1	40	70381.37
## 103	Anguilla	1	40	71193.73
## 104	Colombia	1	40	36960.77
## 105	Christmas Island	1	40	56086.45
## 106	Uruguay	1	40	57777.16
## 107	Macedonia	0	40	69612.01
## 108	?land Islands	0	40	74445.08
## 109	Anguilla	0	40	69506.62
## 110	Iraq	0	40	64328.28

## 111	Uganda	0	40	71271.84
## 112	Latvia	0	40	71148.20
## 113	Sierra Leone	0	40	70051.94
## 114	Cura?ao	0	40	60380.23
## 115	Honduras	0	40	47569.44
## 116	Slovakia	0	40	76086.84
## 117	Malawi	0	40	40727.39
## 118	Taiwan	1	41	60181.41
## 119	Turks and Caicos Islands	1	41	38406.78
## 120	Mauritania	1	41	65554.40
## 121	Samoa	1	41	72299.95
## 122	Uganda	1	41	73426.09
## 123	Canada	1	41	59060.09
## 124	Mauritania	1	41	60657.59
## 125	Syria	1	41	54742.39
## 126	Cayman Islands	1	41	79444.01
## 127	Kyrgyzstan	1	41	65826.12
## 128	Turkey	1	41	60101.80
## 129	Belize	0	41	66646.89
## 130	Jordan	0	41	63429.93
## 131	Pakistan	0	41	72277.83
## 132	Turkmenistan	0	41	73498.31
## 133	Western Sahara	0	41	92471.18
## 134	Hungary	0	41	79064.96
## 135	Grenada	0	41	57303.83
## 136	Nepal	0	41	71942.40
## 137	Djibouti	1	42	56098.51
## 138	Cape Verde	1	42	55207.46
## 139	Paraguay	1	42	46689.42
## 140	Cameroon	1	42	44376.62
## 141	San Marino	1	42	69946.94
## 142	Andorra	1	42	53427.46
## 143	Thailand	1	42	65714.46
## 144	French Polynesia	1	42	61693.44
## 145	Morocco	1	42	63875.21
## 146	Bouvet Island	1	42	71371.93

## 147	Mauritania	1	42	55514.99
## 148	United States Minor Outlying Islands	1	42	58243.18
## 149	Bulgaria	0	42	62812.09
## 150	Turkey	0	42	66417.67
## 151	Laos	0	42	71847.25
## 152	Togo	0	42	51075.46
## 153	Algeria	0	42	60432.40
## 154	Faroe Islands	0	42	38284.02
## 155	Belarus	0	42	70361.02
## 156	Papua New Guinea	0	42	51539.93
## 157	Guatemala	0	42	62426.52
## 158	Tanzania	0	42	56174.34
## 159	American Samoa	0	42	38453.86
## 160	Jersey	0	42	64412.43
## 161	Namibia	0	42	65605.42
## 162	Mauritania	0	42	61575.95
## 163	Algeria	1	43	53798.55
## 164	Somalia	1	43	53457.10
## 165	Slovenia	1	43	51419.51
## 166	Kyrgyzstan	1	43	59195.83
## 167	Laos	1	43	71716.46
## 168	Nepal	1	43	69175.19
## 169	Guadeloupe	1	43	42375.21
## 170	Sao Tome and Principe	1	43	72002.06
## 171	Venezuela	1	43	66013.95
## 172	French Southern Territories	1	43	54749.89
## 173	Poland	1	43	62563.58
## 174	Turks and Caicos Islands	1	43	52664.72
## 175	Guinea	1	43	66813.66
## 176	Belgium	1	43	54236.62
## 177	Senegal	1	43	57376.48
## 178	Isle of Man	1	43	72016.92
## 179	Luxembourg	1	43	71753.31
## 180	Marshall Islands	0	43	70187.50
## 181	Macao	0	43	50889.34
## 182	Guam	0	43	46261.43

## 183	Israel	0	43	45721.67
## 184	Aruba	0	43	51419.02
## 185	Liechtenstein	0	43	42978.34
## 186	Liechtenstein	0	43	74090.51
## 187	Dominican Republic	0	43	60325.21
## 188	Lithuania	0	43	74834.57
## 189	Portugal	0	43	60862.98
## 190	Congo (Brazzaville)	0	43	85475.64
## 191	Chile	0	43	56687.94
## 192	Poland	0	43	49463.06
## 193	India	0	43	68921.40
## 194	Israel	0	43	76523.33
## 195	Malaysia	0	43	50051.14
## 196	Wallis and Futuna	0	43	77665.17
## 197	Sint Maarten	1	44	55406.46
## 198	Ecuador	1	44	63087.95
## 199	South Africa	1	44	60871.18
## 200	Guinea	1	44	47592.05
## 201	Israel	1	44	54918.39
## 202	Austria	1	44	45504.75
## 203	United States	1	44	47230.92
## 204	Antarctica	1	44	67121.32
## 205	Egypt	1	44	59712.31
## 206	Micronesia	1	44	60487.90
## 207	Nicaragua	0	44	37336.34
## 208	Venezuela	0	44	75460.52
## 209	United Arab Emirates	0	44	82573.01
## 210	Marshall Islands	0	44	56437.30
## 211	Grenada	0	44	65529.70
## 212	Maldives	0	44	66932.47
## 213	Kuwait	0	44	70136.83
## 214	Macao	0	44	63305.85
## 215	Saint Vincent and The Grenadines	0	44	76245.24
## 216	Angola	0	44	59801.06
## 217	Armenia	0	44	70230.15
## 218	Slovakia	0	44	64961.39

## 219	New Zealand	0	44	65364.06
## 220	Palestine, State of	1	45	50280.00
## 221	Maldives	1	45	60575.13
## 222	Martinique	1	45	52632.97
## 223	Bolivia	1	45	51906.85
## 224	Austria	1	45	59689.81
## 225	?land Islands	1	45	62043.17
## 226	French Polynesia	1	45	72316.18
## 227	Bahrain	1	45	62939.13
## 228	Samoa	1	45	74173.39
## 229	Croatia	1	45	66747.67
## 230	Moldova	1	45	88816.03
## 231	Greenland	1	45	56687.41
## 232	Niger	1	45	80015.83
## 233	Northern Mariana Islands	1	45	63845.77
## 234	Tokelau	0	45	63259.88
## 235	China	0	45	52697.15
## 236	Qatar	0	45	63729.13
## 237	Laos	0	45	59331.24
## 238	Greece	0	45	63687.50
## 239	Philippines	0	45	68499.69
## 240	Turkmenistan	0	45	72939.83
## 241	Mauritius	0	45	79781.90
## 242	Marshall Islands	0	45	63561.05
## 243	Nigeria	1	46	65176.69
## 244	Denmark	1	46	100000.00
## 245	Bhutan	1	46	58457.41
## 246	Saint Lucia	1	46	73476.42
## 247	Kiribati	1	46	49398.74
## 248	Puerto Rico	1	46	62721.41
## 249	Israel	1	46	77146.28
## 250	Christmas Island	1	46	55434.04
## 251	?land Islands	1	46	82425.65
## 252	Switzerland	1	46	54362.70
## 253	Bangladesh	1	46	58948.93
## 254	Costa Rica	1	46	55293.58

## 255	Myanmar	1	46	63722.00
## 256	Senegal	0	46	65311.68
## 257	Vanuatu	0	46	68107.93
## 258	Bolivia	0	46	90556.63
## 259	Saint Barth?lemy	0	46	53382.43
## 260	Virgin Islands, British	0	46	63172.96
## 261	Belize	0	46	43412.86
## 262	Syria	1	47	39814.52
## 263	Madagascar	1	47	52027.64
## 264	Central African Republic	1	47	56009.73
## 265	Bahamas	1	47	40346.06
## 266	Guam	1	47	73096.51
## 267	Grenada	1	47	68431.27
## 268	Cape Verde	1	47	54279.40
## 269	Saint Barth?lemy	1	47	72025.68
## 270	Algeria	1	47	67647.75
## 271	Bouvet Island	1	47	66226.73
## 272	Saint Martin	1	47	55657.66
## 273	Saint Vincent and The Grenadines	1	47	59205.89
## 274	marlal	1	47	61370.68
## 275	Armenia	0	47	58139.26
## 276	United States Minor Outlying Islands	0	47	69157.45
## 277	Ecuador	0	47	65468.14
## 278	Macao	0	47	57860.53
## 279	Greece	0	47	48123.37
## 280	China	0	47	62311.12
## 281	Yemen	0	47	61063.36
## 282	Ethiopia	0	47	50694.43
## 283	Liechtenstein	0	47	48591.57
## 284	Trinidad and Tobago	0	47	73502.12
## 285	Micronesia	0	47	56692.78
## 286	Mali	0	47	58260.57
## 287	Portugal	1	48	52682.06
## 288	French Guiana	1	48	80959.53
## 289	Slovakia	1	48	59139.21
## 290	Falkland Islands	1	48	52534.21

## 291	Mauritius	1	48	67247.08
## 292	Malta	1	48	86067.84
## 293	Norfolk Island	1	48	56118.40
## 294	Guinea	1	48	91083.74
## 295	Tunisia	1	48	57368.06
## 296	Bosnia and Herzegovina	1	48	45368.16
## 297	Palestine, State of	0	48	68304.47
## 298	Angola	0	48	64347.35
## 299	Qatar	0	48	63975.06
## 300	Liechtenstein	0	48	57005.19
## 301	Lebanon	0	48	53870.48
## 302	Laos	0	48	60608.40
## 303	Italy	0	48	86706.33
## 304	Tonga	0	48	65530.36
## 305	Bonaire, Sint Eustatius and Saba	0	48	86565.16
## 306	Mozambique	0	48	67080.61
## 307	Mayotte	0	48	47227.02
## 308	Czech Republic	0	48	50017.38
## 309	Equatorial Guinea	0	48	62175.69
## 310	Mauritania	0	48	56944.87
## 311	Greenland	0	48	45362.67
## 312	Samoa	1	49	70737.29
## 313	Israel	1	49	64665.39
## 314	Micronesia	1	49	71150.20
## 315	Algeria	1	49	81997.33
## 316	Haiti	1	49	65850.48
## 317	Egypt	0	49	68502.11
## 318	Saint Kitts and Nevis	0	49	65131.25
## 319	Monaco	0	49	56895.23
## 320	United Arab Emirates	0	49	77435.47
## 321	Equatorial Guinea	0	49	63732.39
## 322	Guernsey	0	49	68114.60
## 323	Turks and Caicos Islands	0	49	63718.88
## 324	Costa Rica	0	49	76870.01
## 325	Brazil	0	49	67629.85
## 326	Czech Republic	1	50	51752.23

## 327	Sint Maarten	1	50	73348.71
## 328	Suriname	1	50	47460.55
## 329	Benin	1	50	46609.52
## 330	Palau	1	50	60536.20
## 331	Nepal	1	50	42433.55
## 332	Macedonia	1	50	88292.73
## 333	Serbia	1	50	52373.79
## 334	Singapore	1	50	57770.36
## 335	Kyrgyzstan	1	50	55293.51
## 336	Bhutan	1	50	60382.18
## 337	Bosnia and Herzegovina	1	50	42003.02
## 338	Egypt	1	50	78518.22
## 339	Myanmar	0	50	75958.28
## 340	Palestine, State of	0	50	55381.53
## 341	Kenya	0	50	71693.45
## 342	Andorra	0	50	53587.13
## 343	Uruguay	0	50	74176.21
## 344	Madagascar	0	50	57600.60
## 345	Saint Pierre and Miquelon	1	51	82358.23
## 346	Laos	1	51	83626.31
## 347	Jordan	1	51	48958.91
## 348	Greenland	1	51	63678.15
## 349	Dominican Republic	1	51	62788.94
## 350	Grenada	1	51	70275.69
## 351	Turkmenistan	1	51	50153.44
## 352	France	0	51	67904.40
## 353	Cambodia	0	51	59593.26
## 354	Ethiopia	0	51	52263.70
## 355	Argentina	0	51	57478.38
## 356	Liechtenstein	0	51	61809.07
## 357	Equatorial Guinea	0	51	63869.65
## 358	Lithuania	0	51	34154.78
## 359	Yemen	0	51	85186.49
## 360	Bolivia	0	51	42415.49
## 361	Cocos (Keeling) Islands	0	51	63552.85
## 362	Madagascar	0	51	75116.11

## 363	Sao Tome and Principe	0	51	64854.34
## 364	Bermuda	0	51	60404.38
## 365	Kyrgyzstan	0	51	74810.89
## 366	Mayotte	0	51	82094.11
## 367	Iraq	0	51	74418.56
## 368	Equatorial Guinea	0	51	65245.57
## 369	Rwanda	0	51	71921.45
## 370	Maldives	0	51	72262.20
## 371	Afghanistan	0	51	84120.95
## 372	Ukraine	0	51	92455.73
## 373	Saint Kitts and Nevis	0	51	65846.51
## 374	Chad	1	52	54503.14
## 375	Sudan	1	52	63435.86
## 376	Sri Lanka	1	52	35069.42
## 377	Gambia	1	52	66478.01
## 378	Mongolia	1	52	56444.77
## 379	Cape Verde	1	52	67729.97
## 380	Northern Mariana Islands	1	52	66088.02
## 381	Uganda	0	52	57262.80
## 382	Congo (Brazzaville)	0	52	65446.66
## 383	Timor-Leste	0	52	58143.06
## 384	Equatorial Guinea	0	52	65239.06
## 385	Bolivia	0	52	38213.89
## 386	Seychelles	0	52	49393.47
## 387	New Caledonia	0	52	48746.72
## 388	Sao Tome and Principe	0	52	77345.62
## 389	Greenland	1	53	55421.66
## 390	Gabon	1	53	64662.30
## 391	Puerto Rico	1	53	50867.94
## 392	Senegal	1	53	70896.73
## 393	Namibia	1	53	61858.19
## 394	Mayotte	1	53	65809.11
## 395	Slovenia	1	53	69255.99
## 396	Croatia	1	53	72226.56
## 397	Israel	1	53	70842.84
## 398	Sierra Leone	1	53	62713.78

## 399	South Africa	1	53	44747.66
## 400	Korea, South	1	53	75381.08
## 401	Venezuela	1	53	62979.60
## 402	Oman	0	53	53065.57
## 403	Iceland	0	53	54006.78
## 404	Viet Nam	0	53	47228.36
## 405	Cura?ao	0	53	54382.75
## 406	United States Minor Outlying Islands	0	53	43019.85
## 407	Canada	0	53	76318.88
## 408	Papua New Guinea	0	53	59297.42
## 409	Hong Kong	1	54	81757.67
## 410	Saint Pierre and Miquelon	1	54	47684.46
## 411	Iraq	1	54	58011.63
## 412	Guinea-Bissau	1	54	52786.20
## 413	Jamaica	1	54	75892.31
## 414	Philippines	1	54	68888.78
## 415	Benin	0	54	60991.82
## 416	Poland	0	54	65834.57
## 417	Paraguay	0	54	55619.34
## 418	Argentina	0	54	79173.08
## 419	Vanuatu	1	55	75571.20
## 420	Saint Barth?lemy	1	55	72302.03
## 421	Namibia	1	55	83333.81
## 422	United Arab Emirates	0	55	72776.00
## 423	Timor-Leste	0	55	70787.28
## 424	Iceland	0	55	69236.69
## 425	Germany	0	55	62262.95
## 426	Ghana	0	55	45757.16
## 427	Kiribati	0	55	70914.60
## 428	Solomon Islands	0	55	62689.54
## 429	United Kingdom (Great Britain)	0	55	59486.27
## 430	Guadeloupe	0	55	72310.40
## 431	Belarus	0	55	63186.13
## 432	Nigeria	0	55	32697.98
## 433	Gambia	0	55	64430.07
## 434	Latvia	0	55	72424.80

## 435	Kiribati	1	56	67015.19
## 436	Wallis and Futuna	1	56	62645.96
## 437	Saint Vincent and The Grenadines	1	56	66779.91
## 438	Mexico	1	56	46412.82
## 439	Viet Nam	1	56	77657.56
## 440	French Southern Territories	1	56	66505.38
## 441	Namibia	0	56	61388.63
## 442	Samoa	0	56	64616.69
## 443	Reunion	0	56	57393.83
## 444	Zimbabwe	0	56	39488.46
## 445	Saint Helena, Ascension and Tristan da Cunha	0	56	54441.72
## 446	Brazil	1	57	59729.15
## 447	Liberia	1	57	68499.85
## 448	Mauritius	1	57	48716.67
## 449	Guinea	1	57	53450.90
## 450	Falkland Islands	1	57	75247.18
## 451	Martinique	1	57	72637.84
## 452	French Guiana	1	57	41236.36
## 453	India	1	57	56066.08
## 454	Afghanistan	1	57	67752.38
## 455	Guinea-Bissau	0	57	52422.95
## 456	Wallis and Futuna	0	57	68090.51
## 457	Cocos (Keeling) Islands	0	57	68782.16
## 458	Heard Island and Mcdonald Islands	0	57	50241.49
## 459	Saint Barth?lemy	0	57	69810.46
## 460	Benin	0	57	59168.01
## 461	Antarctica	0	57	65980.96
## 462	Tuvalu	0	57	58653.66
## 463	Cook Islands	1	58	79370.04
## 464	Indonesia	1	58	58065.26
## 465	Isle of Man	1	58	64426.60
## 466	Malta	1	58	41409.29
## 467	Solomon Islands	0	58	50649.64
## 468	Senegal	0	58	73512.41
## 469	Jamaica	0	58	61430.93
## 470	Ghana	1	59	50667.70

## 471	Venezuela	1	59	77662.11
## 472	Guam	1	59	70111.54
## 473	Botswana	1	59	49811.99
## 474	Iraq	0	59	55368.24
## 475	Liberia	0	59	66905.48
## 476	Yemen	1	60	39460.00
## 477	Tunisia	0	60	54122.88
## 478	Saint Kitts and Nevis	0	60	53229.15
## 479	Serbia	0	60	58837.97
## 480	Guadeloupe	0	60	81565.96
## 481	Nauru	1	61	79792.13
## 482	Bahrain	0	61	38779.18
## 483	Saint Kitts and Nevis	0	61	51086.88
## 484	Saint Pierre and Miquelon	0	61	61824.88
## 485	Faroe Islands	0	61	61639.76
## 486	Armenia	1	62	68149.63
## 487	Korea, South	1	62	66655.41
## 488	San Marino	0	62	65617.29
## 489	Niue	0	62	40387.92
## 490	France	0	62	63956.16
## 491	Isle of Man	1	63	75719.23
## 492	Latvia	1	63	64494.40
## 493	Bulgaria	1	63	60409.76
## 494	Bahamas	1	63	71948.81
## 495	Northern Mariana Islands	0	63	44617.98
## 496	Croatia	0	63	46549.16
## 497	Guernsey	0	64	61666.29
## 498	China	1	65	70703.85
## 499	Viet Nam	1	70	41434.51
## 500	Haiti	0	70	52323.24

##	credit_card_debt	net_worth	car_purchase_amount
## 1	100.00	494606.63	28645.39
## 2	10917.14	326742.74	10092.23
## 3	11380.09	158758.36	9000.00
## 4	10888.93	606851.17	29670.83
## 5	13102.16	315775.32	37161.55

## 6	6354.83	613104.78	38705.66
## 7	10769.75	276466.62	21471.11
## 8	7357.79	404457.31	33640.74
## 9	10366.50	323453.20	27586.72
## 10	1726.81	552267.64	38174.87
## 11	10755.51	615720.04	25252.93
## 12	14261.81	579181.66	12895.71
## 13	10693.89	549212.43	30964.08
## 14	11518.29	589180.45	35726.95
## 15	8132.07	562663.81	42356.69
## 16	11398.82	572037.89	37947.85
## 17	8253.58	625484.09	44463.31
## 18	8511.84	528087.53	36367.18
## 19	8133.46	129635.63	22599.46
## 20	11164.53	301245.77	35139.25
## 21	9371.51	319837.66	17584.57
## 22	6147.92	441527.01	38399.46
## 23	13923.96	315183.57	38182.30
## 24	6904.42	478422.80	32608.45
## 25	4295.23	539365.94	27625.44
## 26	12024.48	133226.06	24184.07
## 27	8907.66	505897.30	35911.65
## 28	8203.56	537572.13	32291.19
## 29	13141.32	284155.42	24134.59
## 30	10814.58	485563.74	48785.16
## 31	7772.44	468238.79	47380.91
## 32	8493.10	411070.48	42213.70
## 33	9837.22	340663.33	30719.82
## 34	9396.01	475126.13	31300.54
## 35	7594.36	543789.72	39433.41
## 36	9344.32	290711.87	22630.26
## 37	7234.67	275762.48	22091.12
## 38	8828.16	719846.98	31146.71
## 39	8851.56	385250.72	30826.11
## 40	12664.32	360457.05	38545.80
## 41	9913.19	291897.41	30757.66

## 42	8837.65	312927.92	27586.20
## 43	12719.64	244310.57	41451.72
## 44	10008.77	573052.01	34521.18
## 45	8570.61	211168.63	12536.94
## 46	9221.27	457116.19	29540.87
## 47	11811.25	242292.92	22681.72
## 48	12071.42	97706.89	20653.21
## 49	12998.47	396793.47	37744.54
## 50	20000.00	335809.62	37303.57
## 51	10188.69	141587.65	30419.80
## 52	4981.27	283241.28	19525.30
## 53	9823.22	632600.47	46135.27
## 54	7666.53	516738.17	41137.89
## 55	10274.14	551344.34	46082.81
## 56	11216.89	583523.08	46381.13
## 57	9565.83	386128.13	39002.08
## 58	15796.32	375889.64	38930.55
## 59	7171.47	322905.46	36638.21
## 60	16305.79	619707.42	45805.31
## 61	9384.07	366327.74	39083.94
## 62	9057.60	461366.78	31408.63
## 63	8611.47	522814.82	41489.64
## 64	14562.64	537744.13	31540.78
## 65	14871.36	502946.88	40077.57
## 66	12710.00	315058.72	42497.73
## 67	10462.36	388284.30	37871.71
## 68	15666.43	271414.76	30667.61
## 69	5933.18	517110.95	28164.86
## 70	10221.15	427011.50	29052.10
## 71	13501.93	761935.52	56457.74
## 72	5614.00	573441.97	48349.16
## 73	4679.44	375654.15	28733.69
## 74	7515.15	297964.26	40095.05
## 75	12301.46	360419.10	31491.41
## 76	13338.33	348833.84	28031.21
## 77	13962.95	498441.57	41104.07

## 78	5827.82	479685.98	31249.99
## 79	6512.71	357468.19	42905.54
## 80	10816.89	299734.13	27815.74
## 81	12296.34	510811.37	38504.39
## 82	8707.51	399124.45	40879.19
## 83	9624.91	565814.73	46389.50
## 84	17462.08	734443.70	42990.29
## 85	5397.03	322891.78	23517.92
## 86	7557.66	854283.56	46398.35
## 87	12035.37	516817.32	38243.06
## 88	4931.56	341330.73	37364.23
## 89	10059.55	278799.70	38502.42
## 90	6445.78	298246.06	37879.65
## 91	8737.20	478853.32	47805.26
## 92	9631.97	74257.83	29002.06
## 93	10263.15	556945.87	44430.63
## 94	12522.94	583230.98	43994.36
## 95	13417.02	486069.07	44650.36
## 96	9724.03	407401.38	30394.82
## 97	9719.19	245664.37	19553.27
## 98	3657.86	664431.40	46188.84
## 99	6887.25	134188.45	33261.00
## 100	9046.18	515305.48	37076.83
## 101	12186.03	159727.88	28440.81
## 102	6718.86	305253.27	39606.25
## 103	3854.73	762832.26	53993.44
## 104	1768.87	630120.00	30736.58
## 105	6588.61	228388.55	29519.56
## 106	19692.91	601210.28	41147.47
## 107	8125.60	499086.34	45078.40
## 108	7915.76	527420.73	48734.36
## 109	5449.47	409293.27	42384.05
## 110	13860.44	567357.03	44001.21
## 111	13122.46	411045.83	43855.06
## 112	7917.65	416817.47	43724.49
## 113	4701.32	613706.54	49050.85

## 114	2799.72	508962.49	39975.43
## 115	7840.29	281690.84	26599.91
## 116	9258.18	482866.55	48465.27
## 117	9725.55	508529.00	29556.79
## 118	7094.90	390312.17	37883.24
## 119	11023.00	451846.20	27187.24
## 120	12026.58	462613.86	42774.36
## 121	11544.93	275389.07	40660.38
## 122	14822.80	336867.71	43598.97
## 123	5841.61	136346.31	29417.65
## 124	3331.30	392177.79	38148.00
## 125	10342.61	447393.49	36125.49
## 126	11620.11	627086.66	55174.99
## 127	11715.37	416748.73	41679.79
## 128	12989.37	340720.52	35823.55
## 129	9572.96	530973.91	45115.53
## 130	10676.22	481335.36	41903.65
## 131	13580.88	202710.13	38674.66
## 132	3066.94	491904.19	47610.12
## 133	5404.40	515717.75	59096.27
## 134	7221.67	365871.50	47719.48
## 135	10836.42	258194.84	32061.65
## 136	6995.90	541670.10	48901.44
## 137	11675.28	320228.65	34215.76
## 138	9976.43	286062.52	32737.80
## 139	7829.57	615765.93	37348.14
## 140	13865.09	259049.28	25971.96
## 141	9010.65	778537.21	54973.02
## 142	7903.10	238529.63	30240.61
## 143	12557.08	362707.03	41026.02
## 144	10835.26	620522.38	45509.70
## 145	11397.69	188327.58	34678.83
## 146	7094.83	321431.28	42704.32
## 147	8009.72	394229.90	35784.42
## 148	15149.03	649323.79	44500.82
## 149	11609.38	238961.25	35321.46

## 150	9183.33	513340.01	45805.67
## 151	4225.33	476088.40	47483.85
## 152	12416.85	450402.29	34803.82
## 153	11417.46	415005.36	39331.20
## 154	15467.79	587010.55	31697.00
## 155	12024.73	575500.77	49336.12
## 156	6932.95	371355.69	32828.03
## 157	6619.93	630411.27	46412.48
## 158	10394.57	398011.58	36543.94
## 159	15283.42	320834.01	24222.00
## 160	10449.62	355175.37	39439.45
## 161	13629.11	297540.88	38901.61
## 162	594.80	497197.26	41984.62
## 163	11160.36	638467.18	42925.71
## 164	12884.08	476643.35	38189.51
## 165	11331.20	636407.11	41425.00
## 166	8634.38	573054.38	43680.91
## 167	8870.71	165866.20	39503.39
## 168	6039.59	325701.41	42408.03
## 169	6062.60	510039.15	32700.28
## 170	14709.66	568947.75	50702.18
## 171	7039.54	610942.14	49079.62
## 172	7631.69	152883.35	29092.13
## 173	6130.31	426488.75	41327.17
## 174	14435.74	411932.82	35659.12
## 175	15458.69	600685.19	49065.16
## 176	7275.31	432447.53	37183.10
## 177	12878.55	376886.36	37376.63
## 178	11602.74	205006.22	40589.86
## 179	9119.79	400703.27	45824.57
## 180	6841.54	662176.49	52954.93
## 181	11041.18	448601.95	36019.96
## 182	16767.26	759479.46	42187.68
## 183	14250.52	790526.55	42592.89
## 184	9026.06	362564.35	33131.53
## 185	8884.11	491193.38	32478.45

## 186	10877.69	225670.13	42321.57
## 187	10128.12	62149.94	29754.66
## 188	9366.03	712233.82	56764.45
## 189	8033.55	344060.18	38138.58
## 190	13786.15	267555.12	49568.48
## 191	10827.16	790116.43	48516.84
## 192	6478.16	201636.87	27303.17
## 193	8120.20	515012.28	47979.49
## 194	10373.01	620355.27	55377.88
## 195	893.24	347177.84	32553.53
## 196	13308.88	349588.56	47760.66
## 197	9522.58	523251.27	41456.68
## 198	11024.03	496856.49	45167.33
## 199	4397.95	262959.25	36645.56
## 200	13167.66	473101.03	35438.81
## 201	8920.39	347017.83	36086.93
## 202	9245.47	374777.69	31526.05
## 203	4421.15	558001.02	37259.84
## 204	12087.38	472403.12	46402.54
## 205	7135.99	487564.55	42705.11
## 206	9911.04	478428.72	42909.27
## 207	10218.32	430907.17	28700.03
## 208	6280.93	296972.41	45738.33
## 209	1696.99	562605.07	57306.33
## 210	10461.98	249182.78	34139.64
## 211	3932.84	353929.55	41575.35
## 212	11033.16	149761.13	37084.78
## 213	7765.98	555993.11	50188.87
## 214	16146.77	749016.57	52477.83
## 215	6139.39	674190.69	57303.87
## 216	8042.39	601744.96	45593.68
## 217	8542.02	320525.73	43898.27
## 218	6885.72	265717.25	39135.03
## 219	7839.41	579640.80	48052.65
## 220	11350.49	230728.30	30841.00
## 221	8088.34	291360.03	38243.66

## 222	12348.68	293999.94	33428.40
## 223	13686.97	85520.85	27810.22
## 224	14862.84	449895.30	42369.64
## 225	4980.67	357639.03	41265.53
## 226	8728.92	279393.49	44846.69
## 227	632.05	455589.80	44434.98
## 228	11315.60	521404.24	52709.08
## 229	9691.23	221290.98	39904.82
## 230	9317.22	493592.18	59758.73
## 231	9050.28	414034.61	39888.60
## 232	9064.62	508555.16	55420.57
## 233	7761.85	505048.76	46012.11
## 234	11495.55	370356.22	41814.72
## 235	861.82	540805.49	41221.25
## 236	12507.20	271430.05	39766.65
## 237	10027.53	543313.35	45208.43
## 238	13421.37	358615.93	42011.20
## 239	15436.80	308445.86	43401.57
## 240	7787.20	589669.66	54013.48
## 241	11148.10	427287.63	52983.89
## 242	3730.12	608019.63	49348.88
## 243	7698.55	497526.46	47240.86
## 244	17452.92	188032.08	58350.32
## 245	12491.01	410655.99	41567.47
## 246	9656.81	386287.02	49142.51
## 247	6994.62	174525.84	29425.83
## 248	16127.57	494985.54	46054.60
## 249	7903.33	418764.51	52313.98
## 250	18693.15	316906.64	37093.92
## 251	7525.25	684273.59	63038.20
## 252	15647.35	388898.07	38042.80
## 253	8282.08	205439.37	35475.00
## 254	8276.64	169476.00	32967.20
## 255	10711.44	316128.40	41352.47
## 256	7988.75	215673.54	39810.35
## 257	7813.60	455609.14	48266.76

## 258	13872.57	479586.94	61593.52
## 259	5055.44	438491.88	39549.13
## 260	6332.20	456524.79	45112.95
## 261	7843.40	392003.29	32208.38
## 262	5958.46	326373.18	28925.71
## 263	11960.85	688466.05	46635.49
## 264	11030.27	391848.60	40004.87
## 265	11505.90	255922.47	27889.95
## 266	10743.79	196421.74	44577.45
## 267	14088.91	383693.20	46643.27
## 268	5699.18	124979.05	31215.64
## 269	6988.65	222341.03	44736.41
## 270	8767.78	787984.29	58641.71
## 271	8511.81	356213.08	45366.36
## 272	9625.40	377424.62	39270.58
## 273	2689.32	856287.15	55700.83
## 274	9391.34	462946.49	45107.23
## 275	3440.82	630059.03	48013.61
## 276	15791.61	506986.98	50958.08
## 277	7248.54	588570.89	51402.62
## 278	7146.19	445745.55	42484.02
## 279	921.53	405550.17	36112.79
## 280	9832.06	830430.37	56563.99
## 281	12066.27	509543.09	46892.27
## 282	10881.90	587858.63	42747.54
## 283	14309.21	364858.71	35716.31
## 284	11132.39	765711.60	60526.98
## 285	7946.44	685541.65	49079.29
## 286	4658.41	507572.64	45271.46
## 287	12514.52	549443.59	43901.71
## 288	4499.92	379749.92	54823.19
## 289	4630.54	473845.85	45058.90
## 290	7583.75	401955.50	39410.46
## 291	9851.69	368344.06	46453.35
## 292	9181.07	335652.62	56579.90
## 293	9242.78	586717.47	46846.73

## 294	13148.86	387538.25	60960.83
## 295	10175.74	466128.91	43641.66
## 296	12203.49	577058.18	40102.11
## 297	9467.00	420322.07	49258.88
## 298	10905.37	307226.10	43402.32
## 299	10614.85	891439.88	60461.24
## 300	12416.79	408147.04	41913.54
## 301	14720.53	701782.53	48622.66
## 302	8233.28	492113.01	46325.51
## 303	9653.26	333543.69	56499.10
## 304	8774.07	210573.70	41034.28
## 305	13701.80	819002.17	70878.30
## 306	7880.42	244188.00	42866.21
## 307	11312.51	642335.10	43503.97
## 308	7514.39	160487.00	31083.70
## 309	12967.28	343290.68	42919.52
## 310	16449.07	116407.53	33766.64
## 311	2524.99	399437.52	35457.15
## 312	13851.11	266765.48	46937.17
## 313	7404.08	521815.74	50666.88
## 314	9849.00	480468.25	52889.56
## 315	12616.46	237185.17	52056.41
## 316	3912.39	419556.62	47869.83
## 317	5831.12	515084.19	52474.72
## 318	6206.92	53366.14	37252.55
## 319	9851.58	580950.40	47693.23
## 320	6922.15	48620.32	44432.72
## 321	12848.20	581620.48	51730.17
## 322	11633.95	521061.11	52240.73
## 323	11863.06	298920.01	43242.58
## 324	5575.32	266531.30	49991.61
## 325	10916.86	151946.31	41769.38
## 326	10985.70	629312.40	47434.98
## 327	8270.71	612738.62	59045.51
## 328	7405.53	430624.81	38978.67
## 329	7592.02	409419.58	38147.81

## 330	8244.47	173079.18	38955.22
## 331	7335.52	386057.42	34642.60
## 332	10799.14	378357.94	60222.23
## 333	11347.63	633383.49	47604.35
## 334	8628.43	211765.25	38763.11
## 335	9465.09	629764.27	49220.02
## 336	11302.88	490444.41	48518.90
## 337	6052.84	579220.04	40022.17
## 338	10072.48	294506.08	52785.17
## 339	10562.90	635512.36	60670.34
## 340	5088.24	20000.00	31837.23
## 341	14421.48	517480.09	55592.70
## 342	8501.50	811594.04	53502.98
## 343	11894.42	290608.40	50296.67
## 344	10340.30	128387.93	35848.83
## 345	8092.48	655934.47	66363.89
## 346	8458.75	167031.56	52665.37
## 347	2418.86	615672.47	46380.45
## 348	5011.62	563498.66	52654.40
## 349	13224.45	192514.64	41427.60
## 350	10359.18	253181.98	47984.12
## 351	6596.01	266939.17	36517.71
## 352	11417.31	487435.96	53489.46
## 353	12252.73	612242.78	51612.14
## 354	8838.76	213040.96	35928.52
## 355	2230.10	158979.71	37843.47
## 356	2620.08	407733.52	47143.44
## 357	12860.66	260269.10	44418.61
## 358	5316.01	216355.34	26499.31
## 359	12413.03	546630.53	64545.16
## 360	5205.01	520997.24	39522.13
## 361	9347.50	474763.47	50455.12
## 362	5969.67	232607.39	49721.31
## 363	3247.89	371240.24	47984.42
## 364	4198.84	513974.68	49399.97
## 365	13658.34	286849.79	51405.55

## 366	1065.61	577272.68	63248.76
## 367	8632.70	472761.62	56071.61
## 368	11554.27	542777.49	53496.48
## 369	6354.37	169714.27	45857.75
## 370	12124.82	187821.10	46935.73
## 371	9596.51	27888.75	48955.86
## 372	9877.17	285326.35	61404.23
## 373	9141.67	531840.33	53049.45
## 374	7377.82	431099.00	44633.99
## 375	11878.04	480588.23	51130.95
## 376	1851.98	353757.51	31978.98
## 377	13685.89	356553.40	49392.89
## 378	11932.74	69821.64	35781.16
## 379	10279.91	314885.13	49248.11
## 380	6769.18	557098.96	55167.37
## 381	7793.07	322150.35	43264.05
## 382	8491.59	571564.79	54850.39
## 383	9686.12	261152.82	42209.29
## 384	7437.21	168703.34	42997.17
## 385	11492.74	579059.31	39892.93
## 386	11521.62	475263.28	42793.99
## 387	3923.41	217188.41	34922.43
## 388	6736.75	665099.14	64188.27
## 389	10014.97	293862.51	42288.81
## 390	11326.03	481433.43	53017.27
## 391	16732.31	344916.18	41357.18
## 392	11794.74	398746.85	54075.12
## 393	5189.08	706977.05	57441.44
## 394	4820.84	692401.47	59416.18
## 395	18361.25	339207.28	51551.68
## 396	5817.15	623033.48	60865.76
## 397	9536.90	545947.00	58235.41
## 398	11498.04	679435.17	57461.51
## 399	4975.14	793986.62	50441.62
## 400	7925.06	545125.96	60567.19
## 401	14297.25	247421.92	45015.68

## 402	17805.58	429440.33	44387.58
## 403	15189.09	246321.89	40093.62
## 404	9046.18	456634.21	42297.51
## 405	6940.06	191168.45	38172.84
## 406	8527.03	454791.73	39422.79
## 407	6392.21	245216.17	52150.42
## 408	9592.43	567842.13	52570.37
## 409	7500.78	278181.84	57430.77
## 410	10128.76	613372.89	48300.02
## 411	9822.43	552454.03	52116.91
## 412	9246.81	556014.97	49442.12
## 413	8110.95	177878.18	51046.42
## 414	10611.61	764531.32	64147.29
## 415	7329.23	586368.93	54755.42
## 416	15353.26	152012.35	44525.02
## 417	11212.44	229070.55	41320.07
## 418	6913.06	397700.14	59483.91
## 419	12887.55	416540.30	58840.54
## 420	10813.76	234159.08	51355.71
## 421	9874.08	1000000.00	80000.00
## 422	10597.64	146344.90	49510.03
## 423	10155.34	853913.85	68925.09
## 424	9842.84	242495.99	49730.53
## 425	11785.88	301026.22	48104.11
## 426	11207.02	465709.89	43405.89
## 427	9644.41	779143.60	66888.94
## 428	8732.14	481513.51	53021.86
## 429	6515.34	228434.05	44424.08
## 430	3093.71	724025.41	65592.22
## 431	7122.16	762601.08	62028.71
## 432	10858.03	218808.76	28463.64
## 433	6924.11	664862.01	59538.40
## 434	9831.18	523680.77	60117.68
## 435	13000.41	355157.64	52991.53
## 436	11431.23	613242.17	58045.56
## 437	14300.13	202576.62	48025.03

## 438	11652.27	595028.84	47970.77
## 439	14438.24	622831.92	66648.25
## 440	3942.77	621309.59	59984.16
## 441	14270.01	341691.93	49091.97
## 442	12378.54	779925.79	63738.39
## 443	5627.80	411831.04	49373.38
## 444	10992.33	363561.20	37714.32
## 445	4362.72	432850.42	48383.69
## 446	5358.71	560304.07	55915.46
## 447	14179.47	428485.36	56612.00
## 448	10886.92	662382.66	52707.97
## 449	8740.72	309113.06	44434.72
## 450	13258.47	659279.20	67120.90
## 451	14938.51	352507.90	57125.42
## 452	9399.34	466988.26	42773.76
## 453	5235.76	497876.25	51866.49
## 454	13851.92	657178.41	63079.84
## 455	6998.47	438067.75	48100.29
## 456	6181.97	316064.03	53655.54
## 457	9810.75	350157.84	54387.28
## 458	14817.71	607395.02	51683.61
## 459	4684.56	720423.82	66158.69
## 460	10474.44	623487.60	56973.18
## 461	7009.19	173272.90	47715.96
## 462	17142.41	201228.02	44361.88
## 463	14426.16	548599.05	67422.36
## 464	4204.92	388498.51	50937.94
## 465	9514.65	137601.84	46710.53
## 466	8211.34	421318.98	42139.65
## 467	11211.72	565932.19	51941.68
## 468	11054.27	236420.97	54606.19
## 469	11561.07	421891.85	53110.88
## 470	9871.40	536665.05	51221.04
## 471	13444.90	331460.47	61118.47
## 472	7949.46	239217.67	53848.76
## 473	14013.03	337826.64	45442.15

## 474	13272.95	566022.13	54827.52
## 475	10077.50	651215.64	64391.69
## 476	8769.29	571245.37	47443.74
## 477	15164.88	254617.26	45977.13
## 478	10756.61	112127.26	41673.45
## 479	12788.82	622324.75	59625.03
## 480	9072.06	544291.95	69669.47
## 481	14245.53	497950.29	68678.44
## 482	12758.90	581497.89	47935.94
## 483	12254.54	59630.08	39911.61
## 484	11212.00	660897.01	63140.05
## 485	17870.64	684209.55	63868.94
## 486	9560.45	401916.10	60390.07
## 487	8001.64	805075.52	70598.97
## 488	14392.29	560593.42	62864.43
## 489	5761.40	622569.60	50539.90
## 490	16978.53	360787.64	56510.13
## 491	10515.28	474485.67	67092.23
## 492	8765.62	408679.86	58667.07
## 493	9611.32	255285.41	51922.08
## 494	8061.97	365862.78	61731.71
## 495	9683.74	251702.12	42978.35
## 496	640.05	626163.83	55543.38
## 497	11672.72	299854.22	55125.93
## 498	5025.37	284991.74	60763.25
## 499	6810.56	252220.29	47009.58
## 500	12438.86	346555.17	56229.41

mutate: create a variable

mutate is a function that creates a new variable. Let's create Old and Overweight variables that mean old age and obesity from Age and BMI variables.

```
## dfdata$old <- as.integer(a$age >= 65); dfdata$middleclass <- as.integer(dfdata$annual_Salary >= 80000)
dfdata %>% mutate(Old = as.integer(age >= 50),
                  middleclass = as.integer(annual_Salary >= 80000))
```

)

```
##          customer.name
## 1      Martina Avila
## 2      Harlan Barnes
## 3      Naomi Rodriquez
## 4      Jade Cunningham
## 5      Cedric Leach
## 6      Carla Hester
## 7      Griffin Rivera
## 8      Orli Casey
## 9      Marny Obrien
## 10     Rhonda Chavez
## 11     Jerome Rowe
## 12     Akeem Gibson
## 13     Quin Smith
## 14     Tatum Moon
## 15     Sharon Sharpe
## 16     Thomas Williams
## 17     Blaine Bender
## 18     Stephen Lindsey
## 19     Sloane Mann
## 20     Athena Wolf
## 21     Blythe Romero
## 22     Zelenia Byers
## 23     Nola Wiggins
## 24     Micah Wheeler
## 25     Caryn Hendrix
## 26     Hedda Miranda
## 27     Ulric Lynn
## 28     Alma Pope
## 29     Gemma Hendrix
## 30     Castor Wood
## 31     Herman Stevenson
## 32     Adrienne Bolton
## 33     Dahlia Cleveland
```

## 34	Keane Browning
## 35	Quon Hull
## 36	Coby Charles
## 37	Amery Cortez
## 38	Uriel Bradshaw
## 39	Fredericka Sanders
## 40	Christopher Stevens
## 41	Rachel Ashley
## 42	Lael Wright
## 43	Ryder Shaffer
## 44	Eric Noel
## 45	Tamara Guy
## 46	Quincy Bell
## 47	Lee Taylor
## 48	Kenneth Pope
## 49	Reese Vance
## 50	Quon Carroll
## 51	Magee Davidson
## 52	Leilani Gross
## 53	Morgan William
## 54	Francesca Cervantes
## 55	Rafael Peterson
## 56	Roanna Knox
## 57	Marny Vargas
## 58	Charlotte Waller
## 59	Dorian Hernandez
## 60	Armando Hensley
## 61	Rowan Kidd
## 62	Gwendolyn Rice
## 63	Gareth Morris
## 64	Sawyer Carney
## 65	Raya Shields
## 66	Olga Serrano
## 67	Yuli Craig
## 68	Lev Kramer
## 69	Nissim Acosta

## 70	Miranda Berry
## 71	Owen Jacobson
## 72	Marvin Becker
## 73	Davis Scott
## 74	Matthew Colon
## 75	Quinlan Harris
## 76	Hedley Greene
## 77	Orson Kirby
## 78	Adria Mathis
## 79	Peter Stout
## 80	Cleo Moore
## 81	Cally Montoya
## 82	Ila Farrell
## 83	Abel Stanton
## 84	Reed Roman
## 85	September Puckett
## 86	Teegan Barr
## 87	Alexander York
## 88	Jared Green
## 89	Eagan Woodward
## 90	Ferdinand Weber
## 91	Kitra Kerr
## 92	Desirae Stone
## 93	Len Phillips
## 94	Yen Santana
## 95	Martina Fuentes
## 96	Ariana Nash
## 97	Glenna Graham
## 98	Holmes Lane
## 99	Emerald Hamilton
## 100	Gage Marquez
## 101	Travis Burks
## 102	Otto Oneill
## 103	Brian Mathews
## 104	Ralph Rich
## 105	Yasir Tyler

## 106	Dominic McIntosh
## 107	Tanner Ward
## 108	Wing Gray
## 109	Lionel McClure
## 110	Wing Parks
## 111	Oleg Gordon
## 112	Jamal Stephenson
## 113	Kadeem Larsen
## 114	Todd Maldonado
## 115	Victor Yang
## 116	Quamar Cummings
## 117	Dominic Hughes
## 118	Lamar Hensley
## 119	Solomon Atkinson
## 120	Dean Snider
## 121	Vernon Kidd
## 122	Dolan Clayton
## 123	Marvin Deleon
## 124	Merrill Bailey
## 125	Adrian Brock
## 126	Rigel Craft
## 127	Chaim Lewis
## 128	Kyle Evans
## 129	Ulysses Craig
## 130	Nolan Nixon
## 131	Oren Rosario
## 132	Hector Bowers
## 133	Tate Molina
## 134	Julian Alexander
## 135	Lucian Medina
## 136	Todd Bass
## 137	Mannix Snow
## 138	Benedict Serrano
## 139	Yoshio Potter
## 140	Stone Koch
## 141	Elliott Horne

## 142	Tanner Johnson
## 143	Gabriel Carson
## 144	Cain Love
## 145	Barry Larsen
## 146	Lawrence Ryan
## 147	Allen Burke
## 148	Nero Morgan
## 149	Reuben Holden
## 150	Orson Hyde
## 151	Nolan Conner
## 152	Stuart Reed
## 153	Rashad Harper
## 154	Dieter Delaney
## 155	Hop Farley
## 156	Darius Herring
## 157	Baker Saunders
## 158	Kermit Fuentes
## 159	Marvin Garner
## 160	Sebastian Marks
## 161	Hector Price
## 162	Holmes Irwin
## 163	Trevor Faulkner
## 164	Gannon Nguyen
## 165	Quentin Randall
## 166	Baker Norton
## 167	Hakeem Mendoza
## 168	Peter Maynard
## 169	Devin Humphrey
## 170	Isaiah Harding
## 171	Graiden Powell
## 172	Chancellor Padilla
## 173	Philip Barnes
## 174	Cameron Cash
## 175	Eric Green
## 176	Tanek Koch
## 177	Alan Browning

## 178	Phelan Montoya
## 179	Chancellor Patel
## 180	Palmer Cohen
## 181	Ahmed Wright
## 182	Burton Carroll
## 183	Nero Miranda
## 184	Ali Strong
## 185	Nasim Ryan
## 186	August Duncan
## 187	Kieran Gilliam
## 188	Stone Hunt
## 189	Malachi Henson
## 190	Seth Massey
## 191	Ulric Robles
## 192	Gannon Marquez
## 193	Marshall Armstrong
## 194	Christian Huffman
## 195	Gil Sanders
## 196	Otto Thomas
## 197	Moses Blackburn
## 198	Drake Chen
## 199	Christian Hernandez
## 200	Jelani F. Pace
## 201	Tiger I. Melton
## 202	Quail D. Horne
## 203	Hammett A. Manning
## 204	Lamar V. Guthrie
## 205	Abra D. Golden
## 206	Vaughan L. Mathis
## 207	Alfreda V. Harrell
## 208	Nora X. Decker
## 209	Jeanette Q. Leach
## 210	Keiko O. Whitaker
## 211	Hector F. Leblanc
## 212	Emerald R. Cohen
## 213	Cathleen E. Ortega

## 214	Velma K. Moses
## 215	Lael W. Sheppard
## 216	Indigo P. Dejesus
## 217	Quinlan S. Cantu
## 218	Mariam I. Montgomery
## 219	Pamela M. Cantu
## 220	Hanna C. Martinez
## 221	Lynn S. Avery
## 222	Laurel H. Snow
## 223	Keegan Q. Ramirez
## 224	Shad K. Hancock
## 225	Harding E. York
## 226	Indira A. Aguilar
## 227	Bell K. Romero
## 228	Cassady L. Foreman
## 229	Samson N. Wagner
## 230	Wade O. Diaz
## 231	Len B. Finley
## 232	Emerald U. Hanson
## 233	Cody G. Gill
## 234	Kyle R. Kaufman
## 235	Drake D. Gray
## 236	Honorato M. Butler
## 237	Tate C. Foster
## 238	Zelenia L. Lowe
## 239	Callum U. Sweet
## 240	Zane I. Boone
## 241	Timothy J. Terrell
## 242	Zahir A. Estes
## 243	Michelle W. Ryan
## 244	Serena B. Moody
## 245	Mark V. Vaughn
## 246	Anjolie A. Galloway
## 247	Kylee O. Warner
## 248	MacKenzie O. Fowler
## 249	Lana S. Pace

250 Wilma L. Stevenson
 ## 251 Sandra J. Huber
 ## 252 Octavius C. Spencer
 ## 253 Brendan G. Kelley
 ## 254 Shaeleigh M. Mckenzie
 ## 255 Rooney R. Padilla
 ## 256 Damon K. Boone
 ## 257 Taylor A. Patel
 ## 258 Lillith H. Larsen
 ## 259 Tobias L. Sullivan
 ## 260 Quincy Q. Ayers
 ## 261 Ulysses X. Burch
 ## 262 Jorden I. Whitley
 ## 263 Heather G. Goodwin
 ## 264 Yardley W. Jacobson
 ## 265 Gray F. Walker
 ## 266 Piper S. Houston
 ## 267 Chester X. Carrillo
 ## 268 Nathaniel P. Stephens
 ## 269 Jennifer C. Williamson
 ## 270 Rae C. Hodge
 ## 271 Urielle M. Contreras
 ## 272 Mechelle W. Stanton
 ## 273 Leila F. Hubbard
 ## 274 Tanisha H. Foster
 ## 275 Hammett F. Marsh
 ## 276 Calvin A. Lancaster
 ## 277 Rachel H. Ballard
 ## 278 Solomon P. Randolph
 ## 279 Kasimir Q. Cherry
 ## 280 Dominic I. Faulkner
 ## 281 Pascale I. Key
 ## 282 Nola L. Sweeney
 ## 283 Clementine X. Powell
 ## 284 Quinlan U. Sears
 ## 285 Odette Q. Sherman

286 Kirestin F. Yang
 ## 287 Colleen S. McGuire
 ## 288 Dennis N. Thompson
 ## 289 Lester J. Burch
 ## 290 Madeson R. Salinas
 ## 291 Abigail X. Lindsey
 ## 292 Rachel E. Suarez
 ## 293 Derek X. Richards
 ## 294 Evangeline G. Cooper
 ## 295 Kieran G. Justice
 ## 296 Zenia H. Patel
 ## 297 Michelle R. Burke
 ## 298 Florence U. Hunter
 ## 299 Jelani A. Wall
 ## 300 England, Abel D.
 ## 301 Oconnor, Linus Q.
 ## 302 Herman, Griffith P.
 ## 303 Knapp, Quamar P.
 ## 304 Chambers, Avram C.
 ## 305 Cervantes, Rylee Q.
 ## 306 Ashley, Macon Z.
 ## 307 Jimenez, Joel G.
 ## 308 Bond, Caryn Y.
 ## 309 Gross, Cedric D.
 ## 310 Dyer, Aline L.
 ## 311 Rivers, Sonya A.
 ## 312 Frazier, Kai O.
 ## 313 Bond, Nyssa S.
 ## 314 Rush, Jarrod T.
 ## 315 Stephens, Tanner E.
 ## 316 Cameron, Kimberley P.
 ## 317 Mcdowell, Victoria J.
 ## 318 Dalton, Grant D.
 ## 319 Gregory, Reuben Z.
 ## 320 Schultz, Lee I.
 ## 321 Wise, Mechelle E.

322 McClure, Avey L.
323 Livingston, Blaze Y.
324 Fuentes, Dora E.
325 Thompson, Alvin R.
326 Armstrong, Hedda N.
327 Casey, Sylvia E.
328 Shaw, Rooney Q.
329 Sexton, Shaeleigh H.
330 Langley, Skyler J.
331 Caldwell, Yolanda F.
332 Olson, Riley O.
333 Irwin, Dillon J.
334 Terry, Mollie K.
335 Hudson, Maxwell F.
336 Levy, Irma P.
337 Brady, Oscar Y.
338 Dudley, Ryder M.
339 Morales, Halla M.
340 Holloway, Brennan Q.
341 Powers, Naomi B.
342 Armstrong, Naomi D.
343 Flores, Caldwell U.
344 Russo, Fleur N.
345 Reese, Sylvia H.
346 Burke, Simon H.
347 Mayer, Paki D.
348 Bush, Jessica C.
349 West, April J.
350 Levy, Wesley S.
351 Nieves, Bertha O.
352 Patrick, Merritt L.
353 Mcdaniel, Marcia Z.
354 Ortiz, Drew P.
355 Oneill, Tiger A.
356 Sims, Tashya J.
357 Lawrence, Hope Z.

358 Jenkins, Hasad P.
 ## 359 Rodriguez, Basia D.
 ## 360 Blair, Abra U.
 ## 361 Rosario, Elijah N.
 ## 362 Beach, Victor S.
 ## 363 Ruiz, Rafael L.
 ## 364 Macdonald, Rahim B.
 ## 365 Valdez, Joy U.
 ## 366 Watson, Moana M.
 ## 367 Cote, Evangeline F.
 ## 368 Delgado, Jasper U.
 ## 369 Hardy, Hilary R.
 ## 370 Stafford, Berk Y.
 ## 371 Daugherty, Veda M.
 ## 372 Harmon, David N.
 ## 373 Houston, Grant O.
 ## 374 Collier, Xerxes Q.
 ## 375 Lewis, Jackson U.
 ## 376 Smith, Nola H.
 ## 377 Jensen, Ebony Y.
 ## 378 Kim, Claudia W.
 ## 379 Livingston, Lucas K.
 ## 380 Bradford, Daquan F.
 ## 381 Park, Quincy A.
 ## 382 Dillon, Lynn W.
 ## 383 Blackburn, Joel Y.
 ## 384 Sanders, Selma F.
 ## 385 Solis, Melissa T.
 ## 386 Holmes, Ross Y.
 ## 387 Sutton, Michelle D.
 ## 388 Munoz, Kennedy K.
 ## 389 Little, Hayley R.
 ## 390 Church, Lareina E.
 ## 391 Wolf, Tashya X.
 ## 392 Barr, Hyatt D.
 ## 393 Hopper, Orson W.

## 394	Decker, Jolie T.
## 395	Chaney, Reuben I.
## 396	Ross, Kermit D.
## 397	Hampton, Venus Q.
## 398	Chavez, Ralph U.
## 399	Whitaker, Adena B.
## 400	Nola
## 401	Melodie
## 402	Seth
## 403	Kyra
## 404	Caldwell
## 405	Benjamin
## 406	Florence
## 407	Oleg
## 408	Donovan
## 409	Blaze
## 410	Illana
## 411	Yvette
## 412	Walter
## 413	Dexter
## 414	Cameran
## 415	Penelope
## 416	Hyatt
## 417	Stone
## 418	Irma
## 419	Josiah
## 420	Nathan
## 421	Stacy
## 422	Kane
## 423	Reed
## 424	Lani
## 425	Curran
## 426	Rhonda
## 427	Leroy
## 428	Adrienne
## 429	Aileen

## 430	Rafael
## 431	Olivia
## 432	Hiram
## 433	Jelani
## 434	Madeson
## 435	Uriah
## 436	Brady
## 437	Denise
## 438	Lyle
## 439	Victor
## 440	Demetria
## 441	Ora
## 442	Trevor
## 443	Kristen
## 444	Aristotle
## 445	Camden
## 446	Urielle
## 447	Jolene
## 448	Holly
## 449	Wayne
## 450	Judith
## 451	Dennis
## 452	Kaitlin
## 453	Harriet
## 454	Tatyana
## 455	Paula
## 456	Tamekah
## 457	Brandon
## 458	Veda
## 459	Seth
## 460	Kai
## 461	Piper
## 462	Hillary
## 463	Francis
## 464	Rogan
## 465	Kyle

## 466	Vaughan
## 467	India
## 468	Edward
## 469	Laurel
## 470	Igor
## 471	Diana
## 472	Todd
## 473	Zephania
## 474	Brock
## 475	Avey
## 476	Serena
## 477	Barclay
## 478	Isabella
## 479	Mia
## 480	Chester
## 481	Isaac
## 482	Heather
## 483	Justine
## 484	Bert
## 485	Gil
## 486	Dolan
## 487	Cheryl
## 488	Courtney
## 489	Neville
## 490	Gloria
## 491	Jonah
## 492	Merrill
## 493	Nolan
## 494	Winter
## 495	Rigel
## 496	Walter
## 497	Vanna
## 498	Pearl
## 499	Nell
## 500	Marla
##	customer.e.mail

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 ## 5 felis.ullamcorper.viverra@egetmollislectus.net
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 ## 9 Phasellus@sedsemegestas.org
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 ## 14 Cras.sed.leo@Seddiamlorem.ca
 ## 15 eget.metus@aaliquetvel.co.uk
 ## 16 aliquet.molestie@ut.org
 ## 17 ultrices.posuere.cubilia@pedenonummyut.net
 ## 18 erat.eget.ipsum@tinciduntpede.org
 ## 19 at.augue@augue.net
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 ## 21 Sed.eu@risusNuncac.co.uk
 ## 22 auctor.non@sapien.co.uk
 ## 23 Aliquam@augue.edu
 ## 24 arcu.eu@tincidunt.org
 ## 25 condimentum.Donec@duiCum.com
 ## 26 scelerisque@magnased.com
 ## 27 sociis@vulputateveliteu.com
 ## 28 Nunc.mauris.Morbi@turpis.org
 ## 29 lobortis@non.co.uk
 ## 30 velit.Pellentesque@Nulla.net
 ## 31 sociosqu.ad.litora@erat.com
 ## 32 dictum@magnaPraesent.ca
 ## 33 tincidunt.tempus@idsapien.co.uk
 ## 34 Curabitur@acipsumPhasellus.co.uk
 ## 35 nascetur.ridiculus.mus@dignissim.co.uk
 ## 36 nec@dolornonummyac.com

37 semper.et.lacinia@Morbiquisurna.ca
38 ultrices@Integersemelit.com
39 Curabitur@Infaucibus.ca
40 blandit.enim@lacusvariuset.org
41 tincidunt.tempus.risus@posuerecubiliaCurae.co.uk
42 a@consequatpurusMaecenas.com
43 Phasellus.dapibus.quam@inhendrerit.ca
44 lacinia.at.iaculis@Fuscefermentumfermentum.edu
45 nec.eleifend@orci.org
46 in@Duisgravida.co.uk
47 Vivamus.nisi.Mauris@miAliquam.co.uk
48 vitae.sodales.at@molestiearcuSed.org
49 egestas@malesuadavelvenenatis.com
50 sodales@pharetra.com
51 Quisque@tempor.net
52 dignissim@mollisDuissit.org
53 sociis.natoque.penatibus@uterat.ca
54 leo@sitametdapibus.edu
55 lectus.a.sollicitudin@tortorat.net
56 dolor.nonummy@metusurnaconvallis.net
57 nonummy.Fusce.fermentum@ligula.org
58 odio@Nuncac.org
59 conubia.nostra.per@diam.co.uk
60 Class.aptent@torquentper.com
61 sapien.Aenean.massa@adipiscing.ca
62 Duis@metusIn.com
63 est.Nunc.laoreet@nullavulputatedui.edu
64 erat.Sed@Phasellus.ca
65 tincidunt.aliquam@orciluctuset.com
66 risus@urnasuscipitnonummy.edu
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69 enim@at.net
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72 congue.elit@vestibulumneeuismod.ca

73 neque@variusultricesmauris.edu
74 facilisis@Nullainterdum.edu
75 libero.nec@adipiscing.org
76 eleifend@felis.org
77 cursus@nectellus.co.uk
78 Aliquam.rutrum.lorem@Donec.net
79 dictum.mi.ac@semperrutrumFusce.com
80 pede.et@Sedeu.com
81 sit@pedeCum.ca
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84 laoreet.libero@laoreetlectus.com
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86 non.lorem.vitae@eratVivamus.org
87 eu.odio.Phasellus@ipsumporta.edu
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92 Morbi.sit@Aliquamfringilla.ca
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96 vel.turpis.Aliquam@consequatpurus.edu
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99 sit.amet.orci@facilisis.edu
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103 vulputate.mauris.sagittis@orciluctus.com
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106 Cras.vehicula@nibhPhasellusnulla.net
107 diam@orciUt.ca
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 ## 111 Nunc.sollicitudin.commodo@blanditat.co.uk
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 ## 114 dui.semper.et@aultricies.net
 ## 115 arcu.Vivamus.sit@egestasSed.com
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 ## 117 cursus.vestibulum.Mauris@pedenonummy.com
 ## 118 erat@pedeac.co.uk
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 ## 120 tempus@sit.ca
 ## 121 sapien.imperdiet.ornare@vitaeerat.edu
 ## 122 justo@est.ca
 ## 123 lectus.Nullam@congueelitSed.ca
 ## 124 natoque.penatibus@nislsem.net
 ## 125 Cras.lorem@nonvestibulumnec.net
 ## 126 diam.eu.dolor@Proin.com
 ## 127 luctus@ut.org
 ## 128 magnis@vitaenibh.org
 ## 129 sit.amet@orci.ca
 ## 130 arcu@etultricesposuere.co.uk
 ## 131 ultrices.Vivamus.rhuncus@lacusMauris.net
 ## 132 eget@Morbiquisurna.co.uk
 ## 133 erat@sitamet.ca
 ## 134 Integer.id.magna@consequatenimdiam.co.uk
 ## 135 rutrum@temporibendum.com
 ## 136 Lorem.ipsum.dolor@et.edu
 ## 137 elit@euismodenim.net
 ## 138 blandit.viverra@mollisDuis.co.uk
 ## 139 fringilla.cursus.purus@dolorvitae.ca
 ## 140 facilisis.Suspendisse@Duissit.ca
 ## 141 sollicitudin.adipiscing.ligula@Sedeu.co.uk
 ## 142 blandit.at@vulputateullamcorpermagna.org
 ## 143 et@venenatis.co.uk
 ## 144 est.mollis.non@placerat.com

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146 condimentum@duilectus.co.uk
147 eu.ultrices@In.edu
148 non.sapien@seddictumeleifend.edu
149 pede.nonummy@Vivamusnonlorem.co.uk
150 gravida.sit@eget.net
151 feugiat@felisNulla.org
152 elementum@SeddictumProin.net
153 auctor@arcuimperdiet.ca
154 sit.amet.risus@ipsum.ca
155 in@et.co.uk
156 imperdiet@sem.edu
157 Aliquam.nisl@hendreritidante.org
158 ac@sedpedeCum.org
159 in@sed.org
160 et.eros@feugiatmetussit.net
161 Aliquam.nisl@semegetmassa.co.uk
162 Nunc.sed.orci@Namligulaelit.net
163 ut@vitaesodales.net
164 et.rutrum.eu@congue.net
165 Fusce.aliquet@egetmassa.co.uk
166 convallis@purus.net
167 Maecenas@scelerisque lorem.ca
168 vel.est.tempor@egetvenenatisa.com
169 sodales.Mauris@ametornare.ca
170 pede.blandit@disparturient.net
171 pellentesque.tellus@faucibusidlibero.com
172 pharetra@nuncsedlibero.edu
173 senectus.et.netus@nibhDonecest.net
174 auctor@ipsum.org
175 arcu.vel.quam@magnaPraesentinterdum.co.uk
176 blandit@nunc.org
177 purus@Sed.ca
178 magna.tellus.faucibus@etmalesuadafames.co.uk
179 metus.eu.erat@suscipitnonummy.com
180 non.leo@mollis.net

181 consectetuer@auctorodio.com
182 rhoncus.id.mollis@Maurisvel.org
183 semper@vulputateposuere.net
184 dis.parturient.montes@eratvel.com
185 est.congue.a@convalliserat.net
186 tempor.bibendum@Nuncpulvinar.co.uk
187 ac.nulla@consectetueripsumnunc.co.uk
188 convallis.erat@eratvel.org
189 adipiscing.elit@Nunc.com
190 in.aliquet@fermentumvel.com
191 fringilla@ornare.edu
192 Aliquam@porttitor.net
193 ipsum.cursus.vestibulum@a.com
194 dignissim.Maecenas@tinciduntuncac.co.uk
195 eu.ultrices@cursuset.net
196 orci.tincidunt.adipiscing@erat.edu
197 et.malesuada.fames@musProin.edu
198 enim.commodo@consequatenimdiam.com
199 dolor@vehiculaPellentesque.co.uk
200 Morbi@atarcuVestibulum.co.uk
201 rhoncus@nisl.net
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## 500	Camaron.marla@hotmail.com
##	country gender age annual_Salary
## 1	Bulgaria 0 42 62812.09
## 2	Belize 0 41 66646.89
## 3	Algeria 1 43 53798.55

## 4	Cook Islands	1	58	79370.04
## 5	Brazil	1	57	59729.15
## 6	Liberia	1	57	68499.85
## 7	Syria	1	47	39814.52
## 8	Czech Republic	1	50	51752.23
## 9	Armenia	0	47	58139.26
## 10	Somalia	1	43	53457.10
## 11	Sint Maarten	1	50	73348.71
## 12	Greenland	1	53	55421.66
## 13	Nicaragua	0	44	37336.34
## 14	Palestine, State of	0	48	68304.47
## 15	United Arab Emirates	0	55	72776.00
## 16	Gabon	1	53	64662.30
## 17	Tokelau	0	45	63259.88
## 18	Portugal	1	48	52682.06
## 19	Chad	1	52	54503.14
## 20	Iraq	0	59	55368.24
## 21	Sudan	1	52	63435.86
## 22	Angola	0	48	64347.35
## 23	Nigeria	1	46	65176.69
## 24	Madagascar	1	47	52027.64
## 25	Macedonia	0	40	69612.01
## 26	Oman	0	53	53065.57
## 27	Colombia	0	28	82842.53
## 28	Namibia	0	56	61388.63
## 29	Denmark	1	46	100000.00
## 30	Dominican Republic	1	40	62891.87
## 31	Costa Rica	1	33	39627.12
## 32	Botswana	1	40	68859.56
## 33	Saint Pierre and Miquelon	1	51	82358.23
## 34	France	0	51	67904.40
## 35	Senegal	0	46	65311.68
## 36	Cambodia	0	51	59593.26
## 37	Suriname	1	50	47460.55
## 38	Turkey	1	22	43131.78
## 39	Ethiopia	0	51	52263.70

## 40	French Guiana	1	48	80959.53
## 41	Turkey	0	42	66417.67
## 42	Bhutan	1	46	58457.41
## 43	Georgia	0	38	50571.46
## 44	Mozambique	1	39	50943.16
## 45	Nauru	1	61	79792.13
## 46	Timor-Leste	0	55	70787.28
## 47	Djibouti	1	42	56098.51
## 48	Argentina	0	51	57478.38
## 49	Taiwan	1	41	60181.41
## 50	?land Islands	0	40	74445.08
## 51	Turks and Caicos Islands	1	41	38406.78
## 52	Samoa	0	56	64616.69
## 53	Vanuatu	0	46	68107.93
## 54	Mongolia	1	37	72471.82
## 55	Sri Lanka	1	52	35069.42
## 56	Guinea-Bissau	0	57	52422.95
## 57	Egypt	1	34	84467.79
## 58	Slovenia	1	43	51419.51
## 59	Benin	1	50	46609.52
## 60	Cape Verde	1	42	55207.46
## 61	Paraguay	1	42	46689.42
## 62	Laos	0	42	71847.25
## 63	Iceland	0	55	69236.69
## 64	Iceland	0	53	54006.78
## 65	Viet Nam	0	53	47228.36
## 66	Marshall Islands	0	43	70187.50
## 67	Germany	0	55	62262.95
## 68	Kyrgyzstan	1	43	59195.83
## 69	Mauritius	1	57	48716.67
## 70	Gambia	1	52	66478.01
## 71	Palestine, State of	1	45	50280.00
## 72	Reunion	0	56	57393.83
## 73	Jordan	0	41	63429.93
## 74	Slovakia	1	48	59139.21
## 75	Kiribati	1	56	67015.19

## 76	United States Minor Outlying Islands	0	47	69157.45
## 77	Puerto Rico	1	53	50867.94
## 78	Guinea	1	57	53450.90
## 79	Guam	0	39	70463.99
## 80	China	0	45	52697.15
## 81	Sierra Leone	1	33	71055.42
## 82	Sint Maarten	1	44	55406.46
## 83	Ecuador	1	40	48567.07
## 84	Anguilla	0	40	69506.62
## 85	Kazakhstan	1	37	69453.72
## 86	Jersey	1	40	36929.35
## 87	Ecuador	1	44	63087.95
## 88	Macao	0	43	50889.34
## 89	Indonesia	1	58	58065.26
## 90	Suriname	1	32	20000.00
## 91	Palau	1	50	60536.20
## 92	Ghana	1	59	50667.70
## 93	Cameroon	1	42	44376.62
## 94	Myanmar	0	50	75958.28
## 95	Senegal	1	53	70896.73
## 96	Central African Republic	1	47	56009.73
## 97	Bolivia	0	46	90556.63
## 98	Laos	1	43	71716.46
## 99	Egypt	0	49	68502.11
## 100	Guam	0	43	46261.43
## 101	Namibia	1	53	61858.19
## 102	Mozambique	1	36	49483.83
## 103	Bhutan	1	30	68289.18
## 104	Tuvalu	0	37	47399.23
## 105	Qatar	0	48	63975.06
## 106	Venezuela	0	44	75460.52
## 107	Togo	0	42	51075.46
## 108	Nepal	1	50	42433.55
## 109	Saudi Arabia	1	30	61922.90
## 110	San Marino	1	42	69946.94
## 111	Saint Lucia	1	46	73476.42

## 112	Vanuatu	1	55	75571.20
## 113	United Arab Emirates	0	44	82573.01
## 114	Solomon Islands	0	58	50649.64
## 115	Andorra	1	42	53427.46
## 116	Falkland Islands	1	57	75247.18
## 117	Nepal	1	43	69175.19
## 118	Japan	0	35	84171.17
## 119	Israel	0	43	45721.67
## 120	Christmas Island	0	35	54355.76
## 121	Macedonia	1	34	77206.48
## 122	Liechtenstein	0	48	57005.19
## 123	Mayotte	1	53	65809.11
## 124	Ecuador	0	47	65468.14
## 125	Benin	0	54	60991.82
## 126	Liechtenstein	0	51	61809.07
## 127	Liberia	0	59	66905.48
## 128	Saint Kitts and Nevis	0	49	65131.25
## 129	Laos	1	51	83626.31
## 130	Iraq	0	40	64328.28
## 131	Slovenia	1	53	69255.99
## 132	Maldives	1	45	60575.13
## 133	Qatar	0	45	63729.13
## 134	Guinea	0	37	64315.74
## 135	Aruba	0	43	51419.02
## 136	Lebanon	0	48	53870.48
## 137	Monaco	0	49	56895.23
## 138	Falkland Islands	1	48	52534.21
## 139	Martinique	1	45	52632.97
## 140	Guadeloupe	1	43	42375.21
## 141	San Marino	0	62	65617.29
## 142	Kiribati	1	46	49398.74
## 143	Equatorial Guinea	0	51	63869.65
## 144	South Africa	1	44	60871.18
## 145	Wallis and Futuna	0	57	68090.51
## 146	Tunisia	0	60	54122.88
## 147	Pakistan	1	39	59316.94

## 148	Bahrain	0	61	38779.18
## 149	Macedonia	1	50	88292.73
## 150	Djibouti	1	37	68688.40
## 151	Bolivia	1	45	51906.85
## 152	Serbia	1	50	52373.79
## 153	Timor-Leste	0	32	73768.12
## 154	Peru	0	34	55576.84
## 155	Austria	1	45	59689.81
## 156	Palestine, State of	0	50	55381.53
## 157	Lithuania	0	51	34154.78
## 158	Cura?ao	0	53	54382.75
## 159	Djibouti	0	34	65919.60
## 160	Zimbabwe	0	56	39488.46
## 161	Martinique	1	57	72637.84
## 162	Mauritius	1	48	67247.08
## 163	Uganda	0	40	71271.84
## 164	Kenya	0	50	71693.45
## 165	Macao	0	47	57860.53
## 166	Jersey	1	39	69142.08
## 167	Kuwait	1	36	52477.66
## 168	Guinea	1	44	47592.05
## 169	Greece	0	47	48123.37
## 170	Bouvet Island	1	33	76916.42
## 171	Thailand	1	42	65714.46
## 172	Bahamas	1	47	40346.06
## 173	Latvia	0	40	71148.20
## 174	Hong Kong	1	54	81757.67
## 175	French Polynesia	0	38	64867.15
## 176	Sierra Leone	0	40	70051.94
## 177	?land Islands	1	45	62043.17
## 178	Yemen	0	51	85186.49
## 179	Heard Island and Mcdonald Islands	1	38	47127.42
## 180	Virgin Islands, British	1	34	61177.09
## 181	Singapore	1	50	57770.36
## 182	Algeria	0	42	60432.40
## 183	Bhutan	1	33	58999.89

## 184	Wallis and Futuna	1	56	62645.96
## 185	Cocos (Keeling) Islands	0	57	68782.16
## 186	Saint Martin	1	37	67545.96
## 187	Bolivia	0	51	42415.49
## 188	Northern Mariana Islands	0	63	44617.98
## 189	Croatia	1	53	72226.56
## 190	Jordan	1	51	48958.91
## 191	Malta	1	48	86067.84
## 192	Mauritania	1	41	65554.40
## 193	Guyana	0	39	69248.50
## 194	Laos	0	45	59331.24
## 195	Haiti	0	70	52323.24
## 196	Cocos (Keeling) Islands	0	51	63552.85
## 197	Madagascar	0	51	75116.11
## 198	Faroe Islands	0	42	38284.02
## 199	Kyrgyzstan	1	50	55293.51
## 200	Saint Barth?lemy	1	40	63210.76
## 201	Israel	1	44	54918.39
## 202	Uganda	0	52	57262.80
## 203	Samoa	1	41	72299.95
## 204	Heard Island and Mcdonald Islands	0	57	50241.49
## 205	Poland	0	54	65834.57
## 206	Bhutan	1	50	60382.18
## 207	Algeria	1	37	68691.17
## 208	Congo (Brazzaville)	0	52	65446.66
## 209	Liechtenstein	0	43	42978.34
## 210	Timor-Leste	0	52	58143.06
## 211	Guernsey	0	64	61666.29
## 212	Sao Tome and Principe	0	51	64854.34
## 213	Ghana	0	55	45757.16
## 214	Guam	1	47	73096.51
## 215	Armenia	1	36	67249.06
## 216	Cocos (Keeling) Islands	0	39	77165.81
## 217	French Polynesia	1	45	72316.18
## 218	Grenada	1	47	68431.27
## 219	China	0	47	62311.12

## 220	Saint Kitts and Nevis	0	60	53229.15
## 221	Venezuela	1	59	77662.11
## 222	Andorra	1	36	69494.70
## 223	Yemen	0	47	61063.36
## 224	United States	1	38	79368.92
## 225	French Polynesia	1	42	61693.44
## 226	Virgin Islands, United States	1	33	47211.67
## 227	Saint Pierre and Miquelon	1	39	69897.75
## 228	Marshall Islands	0	39	63675.93
## 229	Saint Barth?lemy	1	55	72302.03
## 230	Greece	0	45	63687.50
## 231	Greenland	1	51	63678.15
## 232	United Arab Emirates	0	49	77435.47
## 233	Puerto Rico	1	46	62721.41
## 234	Israel	1	53	70842.84
## 235	Mauritania	1	39	55285.99
## 236	Sao Tome and Principe	1	43	72002.06
## 237	Viet Nam	1	70	41434.51
## 238	Bermuda	0	51	60404.38
## 239	Equatorial Guinea	0	52	65239.06
## 240	Bahrain	1	45	62939.13
## 241	Laos	0	48	60608.40
## 242	Norfolk Island	1	48	56118.40
## 243	Italy	0	48	86706.33
## 244	French Guiana	1	57	41236.36
## 245	Israel	1	46	77146.28
## 246	Marshall Islands	0	44	56437.30
## 247	China	1	65	70703.85
## 248	Saint Barth?lemy	0	57	69810.46
## 249	Cape Verde	1	47	54279.40
## 250	Sao Tome and Principe	0	36	70334.43
## 251	Benin	0	57	59168.01
## 252	Bangladesh	0	33	61889.62
## 253	Venezuela	1	43	66013.95
## 254	Christmas Island	1	46	55434.04
## 255	Philippines	0	45	68499.69

## 256	French Southern Territories	1	43	54749.89
## 257	Jamaica	1	38	74590.25
## 258	Thailand	1	40	67772.67
## 259	Poland	1	43	62563.58
## 260	Belarus	0	42	70361.02
## 261	Kyrgyzstan	0	51	74810.89
## 262	Italy	0	38	49346.41
## 263	Uganda	1	41	73426.09
## 264	Saint Pierre and Miquelon	1	54	47684.46
## 265	Turkmenistan	0	45	72939.83
## 266	Pakistan	0	41	72277.83
## 267	French Polynesia	1	40	53921.33
## 268	Guatemala	0	32	65312.97
## 269	Paraguay	0	54	55619.34
## 270	Kiribati	0	55	70914.60
## 271	Bolivia	0	35	33423.00
## 272	Saint Barth?lemy	0	46	53382.43
## 273	Samoa	1	45	74173.39
## 274	Andorra	0	50	53587.13
## 275	Iraq	1	54	58011.63
## 276	South Africa	1	29	69171.95
## 277	Saint Vincent and The Grenadines	1	56	66779.91
## 278	Argentina	0	54	79173.08
## 279	Andorra	0	33	63065.12
## 280	Tonga	0	48	65530.36
## 281	Equatorial Guinea	0	49	63732.39
## 282	Solomon Islands	0	55	62689.54
## 283	Papua New Guinea	0	42	51539.93
## 284	Canada	1	41	59060.09
## 285	Sierra Leone	1	53	62713.78
## 286	South Africa	1	53	44747.66
## 287	Grenada	0	44	65529.70
## 288	Guatemala	0	42	62426.52
## 289	Turkmenistan	0	41	73498.31
## 290	Bonaire, Sint Eustatius and Saba	0	48	86565.16
## 291	Croatia	0	63	46549.16

## 292	Guam	1	59	70111.54
## 293	Croatia	1	45	66747.67
## 294	Saint Barth?lemy	1	47	72025.68
## 295	Samoa	1	49	70737.29
## 296	Puerto Rico	1	40	57455.76
## 297	Mauritania	1	41	60657.59
## 298	Ethiopia	0	47	50694.43
## 299	Brazil	0	27	55369.73
## 300	?land Islands	1	46	82425.65
## 301	Mayotte	0	51	82094.11
## 302	Liechtenstein	0	43	74090.51
## 303	El Salvador	0	32	73935.74
## 304	Isle of Man	1	63	75719.23
## 305	Gambia	1	35	47054.14
## 306	Bosnia and Herzegovina	1	50	42003.02
## 307	Iraq	0	51	74418.56
## 308	Guinea-Bissau	1	54	52786.20
## 309	Bhutan	0	37	78805.00
## 310	Maldives	0	44	66932.47
## 311	India	1	57	56066.08
## 312	Liechtenstein	0	47	48591.57
## 313	Bolivia	0	52	38213.89
## 314	Mongolia	1	52	56444.77
## 315	Mozambique	0	48	67080.61
## 316	Namibia	1	55	83333.81
## 317	Trinidad and Tobago	0	47	73502.12
## 318	Moldova	1	45	88816.03
## 319	Martinique	1	40	70381.37
## 320	Algeria	1	47	67647.75
## 321	Mauritius	0	45	79781.90
## 322	Israel	1	49	64665.39
## 323	Serbia	0	60	58837.97
## 324	Sierra Leone	0	34	49607.23
## 325	Iraq	0	36	67032.16
## 326	Equatorial Guinea	0	51	65245.57
## 327	Tanzania	0	42	56174.34

## 328	Mayotte	0	48	47227.02
## 329	Niue	1	35	40300.49
## 330	Austria	1	44	45504.75
## 331	Czech Republic	0	48	50017.38
## 332	Bouvet Island	1	47	66226.73
## 333	Tokelau	0	31	41361.95
## 334	Greenland	1	45	56687.41
## 335	Guernsey	0	49	68114.60
## 336	Saint Kitts and Nevis	0	61	51086.88
## 337	Rwanda	0	51	71921.45
## 338	Falkland Islands	1	35	56807.02
## 339	United States Minor Outlying Islands	0	53	43019.85
## 340	Morocco	1	42	63875.21
## 341	Samoa	1	39	41587.39
## 342	Colombia	1	38	49661.97
## 343	Western Sahara	0	41	92471.18
## 344	Kuwait	0	44	70136.83
## 345	Turks and Caicos Islands	1	43	52664.72
## 346	Morocco	1	39	55618.07
## 347	Somalia	0	33	54912.44
## 348	Micronesia	0	47	56692.78
## 349	Marshall Islands	0	45	63561.05
## 350	Dominican Republic	1	51	62788.94
## 351	American Samoa	0	42	38453.86
## 352	United Kingdom (Great Britain)	0	55	59486.27
## 353	Armenia	1	62	68149.63
## 354	Seychelles	0	52	49393.47
## 355	Maldives	0	51	72262.20
## 356	Latvia	1	63	64494.40
## 357	Switzerland	1	46	54362.70
## 358	Saint Martin	1	47	55657.66
## 359	Senegal	0	58	73512.41
## 360	Belize	1	37	70621.52
## 361	Grenada	1	51	70275.69
## 362	Chile	0	36	74420.10
## 363	Uruguay	1	32	54395.05

## 364	South Georgia and The South Sandwich Islands	1	32	60384.35
## 365	Guinea	1	43	66813.66
## 366	Afghanistan	0	51	84120.95
## 367	Belgium	1	43	54236.62
## 368	Isle of Man	1	58	64426.60
## 369	Micronesia	1	49	71150.20
## 370	Dominican Republic	0	43	60325.21
## 371	Guinea	1	48	91083.74
## 372	Cura?ao	0	40	60380.23
## 373	Bermuda	1	35	72948.12
## 374	Lithuania	0	43	74834.57
## 375	Afghanistan	1	57	67752.38
## 376	Saint Vincent and The Grenadines	1	47	59205.89
## 377	Portugal	0	32	64874.03
## 378	Macao	0	44	63305.85
## 379	Uruguay	0	50	74176.21
## 380	United States	1	44	47230.92
## 381	Antarctica	0	57	65980.96
## 382	Western Sahara	0	35	51428.66
## 383	Korea, South	1	53	75381.08
## 384	Syria	1	41	54742.39
## 385	Saint Vincent and The Grenadines	0	44	76245.24
## 386	Bulgaria	1	63	60409.76
## 387	Madagascar	0	50	57600.60
## 388	Bouvet Island	1	42	71371.93
## 389	Cayman Islands	1	41	79444.01
## 390	Honduras	0	40	47569.44
## 391	Anguilla	1	40	71193.73
## 392	Mexico	1	56	46412.82
## 393	Tunisia	1	48	57368.06
## 394	Kyrgyzstan	1	41	65826.12
## 395	Saint Pierre and Miquelon	0	61	61824.88
## 396	Australia	1	35	61723.01
## 397	Guadeloupe	0	55	72310.40
## 398	Tuvalu	0	37	67548.77
## 399	Equatorial Guinea	0	48	62175.69

## 400	Montenegro	0	32	60584.85
## 401	Korea, South	1	62	66655.41
## 402	Turks and Caicos Islands	0	49	63718.88
## 403	Portugal	0	43	60862.98
## 404	Iceland	1	36	67508.12
## 405	Faroe Islands	0	61	61639.76
## 406	Virgin Islands, British	0	46	63172.96
## 407	Tuvalu	0	57	58653.66
## 408	Saint Vincent and The Grenadines	1	36	40558.75
## 409	Costa Rica	0	49	76870.01
## 410	Bahamas	1	63	71948.81
## 411	Brazil	0	49	67629.85
## 412	Antarctica	1	44	67121.32
## 413	Senegal	1	43	57376.48
## 414	Mauritania	0	48	56944.87
## 415	Luxembourg	0	37	60174.06
## 416	Algeria	1	49	81997.33
## 417	Colombia	1	40	36960.77
## 418	Jersey	0	42	64412.43
## 419	Bolivia	1	30	70076.23
## 420	Isle of Man	1	43	72016.92
## 421	Belarus	0	55	63186.13
## 422	Slovakia	0	40	76086.84
## 423	Kuwait	1	38	74445.73
## 424	Congo (Brazzaville)	0	43	85475.64
## 425	Tokelau	1	37	51111.77
## 426	Hungary	0	41	79064.96
## 427	Mauritania	1	42	55514.99
## 428	Kyrgyzstan	0	38	75901.82
## 429	Chile	0	43	56687.94
## 430	Angola	0	44	59801.06
## 431	Grenada	0	41	57303.83
## 432	Belize	0	46	43412.86
## 433	Bangladesh	1	46	58948.93
## 434	Christmas Island	1	40	56086.45
## 435	Niger	1	45	80015.83

## 436	Malta	1	58	41409.29
## 437	Niue	0	62	40387.92
## 438	New Caledonia	0	52	48746.72
## 439	Armenia	0	44	70230.15
## 440	Slovakia	0	44	64961.39
## 441	Uruguay	1	40	57777.16
## 442	Chile	0	33	54447.15
## 443	Egypt	1	44	59712.31
## 444	Namibia	0	42	65605.42
## 445	Congo (Brazzaville)	1	20	70467.29
## 446	Canada	0	53	76318.88
## 447	Viet Nam	1	56	77657.56
## 448	Micronesia	1	44	60487.90
## 449	Cape Verde	1	52	67729.97
## 450	Poland	0	43	49463.06
## 451	Haiti	1	49	65850.48
## 452	French Southern Territories	1	56	66505.38
## 453	Mali	0	47	58260.57
## 454	Norfolk Island	0	25	45092.74
## 455	Northern Mariana Islands	1	45	63845.77
## 456	Costa Rica	1	46	55293.58
## 457	Suriname	0	33	87598.02
## 458	Luxembourg	1	43	71753.31
## 459	Bosnia and Herzegovina	1	48	45368.16
## 460	Greenland	0	48	45362.67
## 461	Malawi	0	40	40727.39
## 462	South Sudan	1	39	58632.59
## 463	Solomon Islands	0	39	66680.27
## 464	Jamaica	1	54	75892.31
## 465	Papua New Guinea	0	53	59297.42
## 466	Ukraine	0	51	92455.73
## 467	Nigeria	0	55	32697.98
## 468	Greenland	1	35	55418.76
## 469	India	0	43	68921.40
## 470	Grenada	0	37	43739.98
## 471	Guadeloupe	0	60	81565.96

## 472	New Zealand	0	44	65364.06
## 473	Malawi	1	39	65019.16
## 474	United States Minor Outlying Islands	1	42	58243.18
## 475	Armenia	0	32	73558.87
## 476	Northern Mariana Islands	1	52	66088.02
## 477	Saint Helena, Ascension and Tristan da Cunha	0	56	54441.72
## 478	Turkey	1	41	60101.80
## 479	Turkmenistan	1	51	50153.44
## 480	Jamaica	0	58	61430.93
## 481	Saint Kitts and Nevis	0	51	65846.51
## 482	Madagascar	1	29	55433.61
## 483	Venezuela	1	53	62979.60
## 484	Israel	0	43	76523.33
## 485	France	0	62	63956.16
## 486	Yemen	1	60	39460.00
## 487	Indonesia	1	37	66923.44
## 488	Malaysia	0	43	50051.14
## 489	Mauritania	0	42	61575.95
## 490	Gambia	0	55	64430.07
## 491	Myanmar	1	46	63722.00
## 492	Egypt	1	50	78518.22
## 493	Latvia	0	55	72424.80
## 494	Wallis and Futuna	0	43	77665.17
## 495	Sao Tome and Principe	0	52	77345.62
## 496	Nepal	0	41	71942.40
## 497	Zimbabwe	1	38	56039.50
## 498	Philippines	1	54	68888.78
## 499	Botswana	1	59	49811.99
## 500	marlal	1	47	61370.68

##	credit_card_debt	net_worth	car_purchase_amount	Old	middleclass
## 1	11609.38	238961.25	35321.46	0	0
## 2	9572.96	530973.91	45115.53	0	0
## 3	11160.36	638467.18	42925.71	0	0
## 4	14426.16	548599.05	67422.36	1	0
## 5	5358.71	560304.07	55915.46	1	0
## 6	14179.47	428485.36	56612.00	1	0

## 7	5958.46	326373.18	28925.71	0	0
## 8	10985.70	629312.40	47434.98	1	0
## 9	3440.82	630059.03	48013.61	0	0
## 10	12884.08	476643.35	38189.51	0	0
## 11	8270.71	612738.62	59045.51	1	0
## 12	10014.97	293862.51	42288.81	1	0
## 13	10218.32	430907.17	28700.03	0	0
## 14	9467.00	420322.07	49258.88	0	0
## 15	10597.64	146344.90	49510.03	1	0
## 16	11326.03	481433.43	53017.27	1	0
## 17	11495.55	370356.22	41814.72	0	0
## 18	12514.52	549443.59	43901.71	0	0
## 19	7377.82	431099.00	44633.99	1	0
## 20	13272.95	566022.13	54827.52	1	0
## 21	11878.04	480588.23	51130.95	1	0
## 22	10905.37	307226.10	43402.32	0	0
## 23	7698.55	497526.46	47240.86	0	0
## 24	11960.85	688466.05	46635.49	0	0
## 25	8125.60	499086.34	45078.40	0	0
## 26	17805.58	429440.33	44387.58	1	0
## 27	13102.16	315775.32	37161.55	0	1
## 28	14270.01	341691.93	49091.97	1	0
## 29	17452.92	188032.08	58350.32	0	1
## 30	12522.94	583230.98	43994.36	0	0
## 31	9371.51	319837.66	17584.57	0	0
## 32	13417.02	486069.07	44650.36	0	0
## 33	8092.48	655934.47	66363.89	1	1
## 34	11417.31	487435.96	53489.46	1	0
## 35	7988.75	215673.54	39810.35	0	0
## 36	12252.73	612242.78	51612.14	1	0
## 37	7405.53	430624.81	38978.67	1	0
## 38	10917.14	326742.74	10092.23	0	0
## 39	8838.76	213040.96	35928.52	1	0
## 40	4499.92	379749.92	54823.19	0	1
## 41	9183.33	513340.01	45805.67	0	0
## 42	12491.01	410655.99	41567.47	0	0

## 43	13338.33	348833.84	28031.21	0	0
## 44	10816.89	299734.13	27815.74	0	0
## 45	14245.53	497950.29	68678.44	1	0
## 46	10155.34	853913.85	68925.09	1	0
## 47	11675.28	320228.65	34215.76	0	0
## 48	2230.10	158979.71	37843.47	1	0
## 49	7094.90	390312.17	37883.24	0	0
## 50	7915.76	527420.73	48734.36	0	0
## 51	11023.00	451846.20	27187.24	0	0
## 52	12378.54	779925.79	63738.39	1	0
## 53	7813.60	455609.14	48266.76	0	0
## 54	11216.89	583523.08	46381.13	0	0
## 55	1851.98	353757.51	31978.98	1	0
## 56	6998.47	438067.75	48100.29	1	0
## 57	7772.44	468238.79	47380.91	0	1
## 58	11331.20	636407.11	41425.00	0	0
## 59	7592.02	409419.58	38147.81	1	0
## 60	9976.43	286062.52	32737.80	0	0
## 61	7829.57	615765.93	37348.14	0	0
## 62	4225.33	476088.40	47483.85	0	0
## 63	9842.84	242495.99	49730.53	1	0
## 64	15189.09	246321.89	40093.62	1	0
## 65	9046.18	456634.21	42297.51	1	0
## 66	6841.54	662176.49	52954.93	0	0
## 67	11785.88	301026.22	48104.11	1	0
## 68	8634.38	573054.38	43680.91	0	0
## 69	10886.92	662382.66	52707.97	1	0
## 70	13685.89	356553.40	49392.89	1	0
## 71	11350.49	230728.30	30841.00	0	0
## 72	5627.80	411831.04	49373.38	1	0
## 73	10676.22	481335.36	41903.65	0	0
## 74	4630.54	473845.85	45058.90	0	0
## 75	13000.41	355157.64	52991.53	1	0
## 76	15791.61	506986.98	50958.08	0	0
## 77	16732.31	344916.18	41357.18	1	0
## 78	8740.72	309113.06	44434.72	1	0

## 79	10059.55	278799.70	38502.42	0	0
## 80	861.82	540805.49	41221.25	0	0
## 81	6147.92	441527.01	38399.46	0	0
## 82	9522.58	523251.27	41456.68	0	0
## 83	9724.03	407401.38	30394.82	0	0
## 84	5449.47	409293.27	42384.05	0	0
## 85	9565.83	386128.13	39002.08	0	0
## 86	9719.19	245664.37	19553.27	0	0
## 87	11024.03	496856.49	45167.33	0	0
## 88	11041.18	448601.95	36019.96	0	0
## 89	4204.92	388498.51	50937.94	1	0
## 90	14261.81	579181.66	12895.71	0	0
## 91	8244.47	173079.18	38955.22	1	0
## 92	9871.40	536665.05	51221.04	1	0
## 93	13865.09	259049.28	25971.96	0	0
## 94	10562.90	635512.36	60670.34	1	0
## 95	11794.74	398746.85	54075.12	1	0
## 96	11030.27	391848.60	40004.87	0	0
## 97	13872.57	479586.94	61593.52	0	1
## 98	8870.71	165866.20	39503.39	0	0
## 99	5831.12	515084.19	52474.72	0	0
## 100	16767.26	759479.46	42187.68	0	0
## 101	5189.08	706977.05	57441.44	1	0
## 102	11811.25	242292.92	22681.72	0	0
## 103	7357.79	404457.31	33640.74	0	0
## 104	14562.64	537744.13	31540.78	0	0
## 105	10614.85	891439.88	60461.24	0	0
## 106	6280.93	296972.41	45738.33	0	0
## 107	12416.85	450402.29	34803.82	0	0
## 108	7335.52	386057.42	34642.60	1	0
## 109	10366.50	323453.20	27586.72	0	0
## 110	9010.65	778537.21	54973.02	0	0
## 111	9656.81	386287.02	49142.51	0	0
## 112	12887.55	416540.30	58840.54	1	0
## 113	1696.99	562605.07	57306.33	0	1
## 114	11211.72	565932.19	51941.68	1	0

## 115	7903.10	238529.63	30240.61	0	0
## 116	13258.47	659279.20	67120.90	1	0
## 117	6039.59	325701.41	42408.03	0	0
## 118	12719.64	244310.57	41451.72	0	1
## 119	14250.52	790526.55	42592.89	0	0
## 120	10008.77	573052.01	34521.18	0	0
## 121	8493.10	411070.48	42213.70	0	0
## 122	12416.79	408147.04	41913.54	0	0
## 123	4820.84	692401.47	59416.18	1	0
## 124	7248.54	588570.89	51402.62	0	0
## 125	7329.23	586368.93	54755.42	1	0
## 126	2620.08	407733.52	47143.44	1	0
## 127	10077.50	651215.64	64391.69	1	0
## 128	6206.92	53366.14	37252.55	0	0
## 129	8458.75	167031.56	52665.37	1	1
## 130	13860.44	567357.03	44001.21	0	0
## 131	18361.25	339207.28	51551.68	1	0
## 132	8088.34	291360.03	38243.66	0	0
## 133	12507.20	271430.05	39766.65	0	0
## 134	14871.36	502946.88	40077.57	0	0
## 135	9026.06	362564.35	33131.53	0	0
## 136	14720.53	701782.53	48622.66	0	0
## 137	9851.58	580950.40	47693.23	0	0
## 138	7583.75	401955.50	39410.46	0	0
## 139	12348.68	293999.94	33428.40	0	0
## 140	6062.60	510039.15	32700.28	0	0
## 141	14392.29	560593.42	62864.43	1	0
## 142	6994.62	174525.84	29425.83	0	0
## 143	12860.66	260269.10	44418.61	1	0
## 144	4397.95	262959.25	36645.56	0	0
## 145	6181.97	316064.03	53655.54	1	0
## 146	15164.88	254617.26	45977.13	1	0
## 147	12296.34	510811.37	38504.39	0	0
## 148	12758.90	581497.89	47935.94	1	0
## 149	10799.14	378357.94	60222.23	1	1
## 150	15796.32	375889.64	38930.55	0	0

## 151	13686.97	85520.85	27810.22	0	0
## 152	11347.63	633383.49	47604.35	1	0
## 153	8132.07	562663.81	42356.69	0	0
## 154	9396.01	475126.13	31300.54	0	0
## 155	14862.84	449895.30	42369.64	0	0
## 156	5088.24	20000.00	31837.23	1	0
## 157	5316.01	216355.34	26499.31	1	0
## 158	6940.06	191168.45	38172.84	1	0
## 159	7594.36	543789.72	39433.41	0	0
## 160	10992.33	363561.20	37714.32	1	0
## 161	14938.51	352507.90	57125.42	1	0
## 162	9851.69	368344.06	46453.35	0	0
## 163	13122.46	411045.83	43855.06	0	0
## 164	14421.48	517480.09	55592.70	1	0
## 165	7146.19	445745.55	42484.02	0	0
## 166	8707.51	399124.45	40879.19	0	0
## 167	12071.42	97706.89	20653.21	0	0
## 168	13167.66	473101.03	35438.81	0	0
## 169	921.53	405550.17	36112.79	0	0
## 170	13923.96	315183.57	38182.30	0	0
## 171	12557.08	362707.03	41026.02	0	0
## 172	11505.90	255922.47	27889.95	0	0
## 173	7917.65	416817.47	43724.49	0	0
## 174	7500.78	278181.84	57430.77	1	1
## 175	13962.95	498441.57	41104.07	0	0
## 176	4701.32	613706.54	49050.85	0	0
## 177	4980.67	357639.03	41265.53	0	0
## 178	12413.03	546630.53	64545.16	1	1
## 179	10221.15	427011.50	29052.10	0	0
## 180	9837.22	340663.33	30719.82	0	0
## 181	8628.43	211765.25	38763.11	1	0
## 182	11417.46	415005.36	39331.20	0	0
## 183	6904.42	478422.80	32608.45	0	0
## 184	11431.23	613242.17	58045.56	1	0
## 185	9810.75	350157.84	54387.28	1	0
## 186	7171.47	322905.46	36638.21	0	0

## 187	5205.01	520997.24	39522.13	1	0
## 188	9683.74	251702.12	42978.35	1	0
## 189	5817.15	623033.48	60865.76	1	0
## 190	2418.86	615672.47	46380.45	1	0
## 191	9181.07	335652.62	56579.90	0	1
## 192	12026.58	462613.86	42774.36	0	0
## 193	6445.78	298246.06	37879.65	0	0
## 194	10027.53	543313.35	45208.43	0	0
## 195	12438.86	346555.17	56229.41	1	0
## 196	9347.50	474763.47	50455.12	1	0
## 197	5969.67	232607.39	49721.31	1	0
## 198	15467.79	587010.55	31697.00	0	0
## 199	9465.09	629764.27	49220.02	1	0
## 200	3657.86	664431.40	46188.84	0	0
## 201	8920.39	347017.83	36086.93	0	0
## 202	7793.07	322150.35	43264.05	1	0
## 203	11544.93	275389.07	40660.38	0	0
## 204	14817.71	607395.02	51683.61	1	0
## 205	15353.26	152012.35	44525.02	1	0
## 206	11302.88	490444.41	48518.90	1	0
## 207	16305.79	619707.42	45805.31	0	0
## 208	8491.59	571564.79	54850.39	1	0
## 209	8884.11	491193.38	32478.45	0	0
## 210	9686.12	261152.82	42209.29	1	0
## 211	11672.72	299854.22	55125.93	1	0
## 212	3247.89	371240.24	47984.42	1	0
## 213	11207.02	465709.89	43405.89	1	0
## 214	10743.79	196421.74	44577.45	0	0
## 215	12998.47	396793.47	37744.54	0	0
## 216	8737.20	478853.32	47805.26	0	0
## 217	8728.92	279393.49	44846.69	0	0
## 218	14088.91	383693.20	46643.27	0	0
## 219	9832.06	830430.37	56563.99	0	0
## 220	10756.61	112127.26	41673.45	1	0
## 221	13444.90	331460.47	61118.47	1	0
## 222	20000.00	335809.62	37303.57	0	0

## 223	12066.27	509543.09	46892.27	0	0
## 224	13501.93	761935.52	56457.74	0	0
## 225	10835.26	620522.38	45509.70	0	0
## 226	4295.23	539365.94	27625.44	0	0
## 227	9624.91	565814.73	46389.50	0	0
## 228	9631.97	74257.83	29002.06	0	0
## 229	10813.76	234159.08	51355.71	1	0
## 230	13421.37	358615.93	42011.20	0	0
## 231	5011.62	563498.66	52654.40	1	0
## 232	6922.15	48620.32	44432.72	0	0
## 233	16127.57	494985.54	46054.60	0	0
## 234	9536.90	545947.00	58235.41	1	0
## 235	17462.08	734443.70	42990.29	0	0
## 236	14709.66	568947.75	50702.18	0	0
## 237	6810.56	252220.29	47009.58	1	0
## 238	4198.84	513974.68	49399.97	1	0
## 239	7437.21	168703.34	42997.17	1	0
## 240	632.05	455589.80	44434.98	0	0
## 241	8233.28	492113.01	46325.51	0	0
## 242	9242.78	586717.47	46846.73	0	0
## 243	9653.26	333543.69	56499.10	0	1
## 244	9399.34	466988.26	42773.76	1	0
## 245	7903.33	418764.51	52313.98	0	0
## 246	10461.98	249182.78	34139.64	0	0
## 247	5025.37	284991.74	60763.25	1	0
## 248	4684.56	720423.82	66158.69	1	0
## 249	5699.18	124979.05	31215.64	0	0
## 250	9823.22	632600.47	46135.27	0	0
## 251	10474.44	623487.60	56973.18	1	0
## 252	12024.48	133226.06	24184.07	0	0
## 253	7039.54	610942.14	49079.62	0	0
## 254	18693.15	316906.64	37093.92	0	0
## 255	15436.80	308445.86	43401.57	0	0
## 256	7631.69	152883.35	29092.13	0	0
## 257	5614.00	573441.97	48349.16	0	0
## 258	6887.25	134188.45	33261.00	0	0

## 259	6130.31	426488.75	41327.17	0	0
## 260	12024.73	575500.77	49336.12	0	0
## 261	13658.34	286849.79	51405.55	1	0
## 262	5827.82	479685.98	31249.99	0	0
## 263	14822.80	336867.71	43598.97	0	0
## 264	10128.76	613372.89	48300.02	1	0
## 265	7787.20	589669.66	54013.48	0	0
## 266	13580.88	202710.13	38674.66	0	0
## 267	9046.18	515305.48	37076.83	0	0
## 268	11398.82	572037.89	37947.85	0	0
## 269	11212.44	229070.55	41320.07	1	0
## 270	9644.41	779143.60	66888.94	1	0
## 271	8570.61	211168.63	12536.94	0	0
## 272	5055.44	438491.88	39549.13	0	0
## 273	11315.60	521404.24	52709.08	0	0
## 274	8501.50	811594.04	53502.98	1	0
## 275	9822.43	552454.03	52116.91	1	0
## 276	6354.83	613104.78	38705.66	0	0
## 277	14300.13	202576.62	48025.03	1	0
## 278	6913.06	397700.14	59483.91	1	0
## 279	8907.66	505897.30	35911.65	0	0
## 280	8774.07	210573.70	41034.28	0	0
## 281	12848.20	581620.48	51730.17	0	0
## 282	8732.14	481513.51	53021.86	1	0
## 283	6932.95	371355.69	32828.03	0	0
## 284	5841.61	136346.31	29417.65	0	0
## 285	11498.04	679435.17	57461.51	1	0
## 286	4975.14	793986.62	50441.62	1	0
## 287	3932.84	353929.55	41575.35	0	0
## 288	6619.93	630411.27	46412.48	0	0
## 289	3066.94	491904.19	47610.12	0	0
## 290	13701.80	819002.17	70878.30	0	1
## 291	640.05	626163.83	55543.38	1	0
## 292	7949.46	239217.67	53848.76	1	0
## 293	9691.23	221290.98	39904.82	0	0
## 294	6988.65	222341.03	44736.41	0	0

## 295	13851.11	266765.48	46937.17	0	0
## 296	12186.03	159727.88	28440.81	0	0
## 297	3331.30	392177.79	38148.00	0	0
## 298	10881.90	587858.63	42747.54	0	0
## 299	10888.93	606851.17	29670.83	0	0
## 300	7525.25	684273.59	63038.20	0	1
## 301	1065.61	577272.68	63248.76	1	1
## 302	10877.69	225670.13	42321.57	0	0
## 303	8253.58	625484.09	44463.31	0	0
## 304	10515.28	474485.67	67092.23	1	0
## 305	7234.67	275762.48	22091.12	0	0
## 306	6052.84	579220.04	40022.17	1	0
## 307	8632.70	472761.62	56071.61	1	0
## 308	9246.81	556014.97	49442.12	1	0
## 309	12710.00	315058.72	42497.73	0	0
## 310	11033.16	149761.13	37084.78	0	0
## 311	5235.76	497876.25	51866.49	1	0
## 312	14309.21	364858.71	35716.31	0	0
## 313	11492.74	579059.31	39892.93	1	0
## 314	11932.74	69821.64	35781.16	1	0
## 315	7880.42	244188.00	42866.21	0	0
## 316	9874.08	1000000.00	80000.00	1	1
## 317	11132.39	765711.60	60526.98	0	0
## 318	9317.22	493592.18	59758.73	0	1
## 319	6718.86	305253.27	39606.25	0	0
## 320	8767.78	787984.29	58641.71	0	0
## 321	11148.10	427287.63	52983.89	0	0
## 322	7404.08	521815.74	50666.88	0	0
## 323	12788.82	622324.75	59625.03	1	0
## 324	9344.32	290711.87	22630.26	0	0
## 325	7666.53	516738.17	41137.89	0	0
## 326	11554.27	542777.49	53496.48	1	0
## 327	10394.57	398011.58	36543.94	0	0
## 328	11312.51	642335.10	43503.97	0	0
## 329	8828.16	719846.98	31146.71	0	0
## 330	9245.47	374777.69	31526.05	0	0

## 331	7514.39	160487.00	31083.70	0	0
## 332	8511.81	356213.08	45366.36	0	0
## 333	10755.51	615720.04	25252.93	0	0
## 334	9050.28	414034.61	39888.60	0	0
## 335	11633.95	521061.11	52240.73	0	0
## 336	12254.54	59630.08	39911.61	1	0
## 337	6354.37	169714.27	45857.75	1	0
## 338	8851.56	385250.72	30826.11	0	0
## 339	8527.03	454791.73	39422.79	1	0
## 340	11397.69	188327.58	34678.83	0	0
## 341	5397.03	322891.78	23517.92	0	0
## 342	4679.44	375654.15	28733.69	0	0
## 343	5404.40	515717.75	59096.27	0	1
## 344	7765.98	555993.11	50188.87	0	0
## 345	14435.74	411932.82	35659.12	0	0
## 346	7557.66	854283.56	46398.35	0	0
## 347	8203.56	537572.13	32291.19	0	0
## 348	7946.44	685541.65	49079.29	0	0
## 349	3730.12	608019.63	49348.88	0	0
## 350	13224.45	192514.64	41427.60	1	0
## 351	15283.42	320834.01	24222.00	0	0
## 352	6515.34	228434.05	44424.08	1	0
## 353	9560.45	401916.10	60390.07	1	0
## 354	11521.62	475263.28	42793.99	1	0
## 355	12124.82	187821.10	46935.73	1	0
## 356	8765.62	408679.86	58667.07	1	0
## 357	15647.35	388898.07	38042.80	0	0
## 358	9625.40	377424.62	39270.58	0	0
## 359	11054.27	236420.97	54606.19	1	0
## 360	9384.07	366327.74	39083.94	0	0
## 361	10359.18	253181.98	47984.12	1	0
## 362	10274.14	551344.34	46082.81	0	0
## 363	10693.89	549212.43	30964.08	0	0
## 364	11518.29	589180.45	35726.95	0	0
## 365	15458.69	600685.19	49065.16	0	0
## 366	9596.51	27888.75	48955.86	1	1

## 367	7275.31	432447.53	37183.10	0	0
## 368	9514.65	137601.84	46710.53	1	0
## 369	9849.00	480468.25	52889.56	0	0
## 370	10128.12	62149.94	29754.66	0	0
## 371	13148.86	387538.25	60960.83	0	1
## 372	2799.72	508962.49	39975.43	0	0
## 373	12664.32	360457.05	38545.80	0	0
## 374	9366.03	712233.82	56764.45	0	0
## 375	13851.92	657178.41	63079.84	1	0
## 376	2689.32	856287.15	55700.83	0	0
## 377	8511.84	528087.53	36367.18	0	0
## 378	16146.77	749016.57	52477.83	0	0
## 379	11894.42	290608.40	50296.67	1	0
## 380	4421.15	558001.02	37259.84	0	0
## 381	7009.19	173272.90	47715.96	1	0
## 382	9221.27	457116.19	29540.87	0	0
## 383	7925.06	545125.96	60567.19	1	0
## 384	10342.61	447393.49	36125.49	0	0
## 385	6139.39	674190.69	57303.87	0	0
## 386	9611.32	255285.41	51922.08	1	0
## 387	10340.30	128387.93	35848.83	1	0
## 388	7094.83	321431.28	42704.32	0	0
## 389	11620.11	627086.66	55174.99	0	0
## 390	7840.29	281690.84	26599.91	0	0
## 391	3854.73	762832.26	53993.44	0	0
## 392	11652.27	595028.84	47970.77	1	0
## 393	10175.74	466128.91	43641.66	0	0
## 394	11715.37	416748.73	41679.79	0	0
## 395	11212.00	660897.01	63140.05	1	0
## 396	9913.19	291897.41	30757.66	0	0
## 397	3093.71	724025.41	65592.22	1	0
## 398	10462.36	388284.30	37871.71	0	0
## 399	12967.28	343290.68	42919.52	0	0
## 400	8133.46	129635.63	22599.46	0	0
## 401	8001.64	805075.52	70598.97	1	0
## 402	11863.06	298920.01	43242.58	0	0

## 403	8033.55	344060.18	38138.58	0	0
## 404	10188.69	141587.65	30419.80	0	0
## 405	17870.64	684209.55	63868.94	1	0
## 406	6332.20	456524.79	45112.95	0	0
## 407	17142.41	201228.02	44361.88	1	0
## 408	4981.27	283241.28	19525.30	0	0
## 409	5575.32	266531.30	49991.61	0	0
## 410	8061.97	365862.78	61731.71	1	0
## 411	10916.86	151946.31	41769.38	0	0
## 412	12087.38	472403.12	46402.54	0	0
## 413	12878.55	376886.36	37376.63	0	0
## 414	16449.07	116407.53	33766.64	0	0
## 415	15666.43	271414.76	30667.61	0	0
## 416	12616.46	237185.17	52056.41	0	1
## 417	1768.87	630120.00	30736.58	0	0
## 418	10449.62	355175.37	39439.45	0	0
## 419	1726.81	552267.64	38174.87	0	0
## 420	11602.74	205006.22	40589.86	0	0
## 421	7122.16	762601.08	62028.71	1	0
## 422	9258.18	482866.55	48465.27	0	0
## 423	7515.15	297964.26	40095.05	0	0
## 424	13786.15	267555.12	49568.48	0	1
## 425	9057.60	461366.78	31408.63	0	0
## 426	7221.67	365871.50	47719.48	0	0
## 427	8009.72	394229.90	35784.42	0	0
## 428	6512.71	357468.19	42905.54	0	0
## 429	10827.16	790116.43	48516.84	0	0
## 430	8042.39	601744.96	45593.68	0	0
## 431	10836.42	258194.84	32061.65	0	0
## 432	7843.40	392003.29	32208.38	0	0
## 433	8282.08	205439.37	35475.00	0	0
## 434	6588.61	228388.55	29519.56	0	0
## 435	9064.62	508555.16	55420.57	0	1
## 436	8211.34	421318.98	42139.65	1	0
## 437	5761.40	622569.60	50539.90	1	0
## 438	3923.41	217188.41	34922.43	1	0

## 439	8542.02	320525.73	43898.27	0	0
## 440	6885.72	265717.25	39135.03	0	0
## 441	19692.91	601210.28	41147.47	0	0
## 442	13141.32	284155.42	24134.59	0	0
## 443	7135.99	487564.55	42705.11	0	0
## 444	13629.11	297540.88	38901.61	0	0
## 445	100.00	494606.63	28645.39	0	0
## 446	6392.21	245216.17	52150.42	1	0
## 447	14438.24	622831.92	66648.25	1	0
## 448	9911.04	478428.72	42909.27	0	0
## 449	10279.91	314885.13	49248.11	1	0
## 450	6478.16	201636.87	27303.17	0	0
## 451	3912.39	419556.62	47869.83	0	0
## 452	3942.77	621309.59	59984.16	1	0
## 453	4658.41	507572.64	45271.46	0	0
## 454	11380.09	158758.36	9000.00	0	0
## 455	7761.85	505048.76	46012.11	0	0
## 456	8276.64	169476.00	32967.20	0	0
## 457	10814.58	485563.74	48785.16	0	1
## 458	9119.79	400703.27	45824.57	0	0
## 459	12203.49	577058.18	40102.11	0	0
## 460	2524.99	399437.52	35457.15	0	0
## 461	9725.55	508529.00	29556.79	0	0
## 462	12035.37	516817.32	38243.06	0	0
## 463	10263.15	556945.87	44430.63	0	0
## 464	8110.95	177878.18	51046.42	1	0
## 465	9592.43	567842.13	52570.37	1	0
## 466	9877.17	285326.35	61404.23	1	1
## 467	10858.03	218808.76	28463.64	1	0
## 468	8837.65	312927.92	27586.20	0	0
## 469	8120.20	515012.28	47979.49	0	0
## 470	5933.18	517110.95	28164.86	0	0
## 471	9072.06	544291.95	69669.47	1	1
## 472	7839.41	579640.80	48052.65	0	0
## 473	4931.56	341330.73	37364.23	0	0
## 474	15149.03	649323.79	44500.82	0	0

## 475	11164.53	301245.77	35139.25	0	0
## 476	6769.18	557098.96	55167.37	1	0
## 477	4362.72	432850.42	48383.69	1	0
## 478	12989.37	340720.52	35823.55	0	0
## 479	6596.01	266939.17	36517.71	1	0
## 480	11561.07	421891.85	53110.88	1	0
## 481	9141.67	531840.33	53049.45	1	0
## 482	10769.75	276466.62	21471.11	0	0
## 483	14297.25	247421.92	45015.68	1	0
## 484	10373.01	620355.27	55377.88	0	0
## 485	16978.53	360787.64	56510.13	1	0
## 486	8769.29	571245.37	47443.74	1	0
## 487	8611.47	522814.82	41489.64	0	0
## 488	893.24	347177.84	32553.53	0	0
## 489	594.80	497197.26	41984.62	0	0
## 490	6924.11	664862.01	59538.40	1	0
## 491	10711.44	316128.40	41352.47	0	0
## 492	10072.48	294506.08	52785.17	1	0
## 493	9831.18	523680.77	60117.68	1	0
## 494	13308.88	349588.56	47760.66	0	0
## 495	6736.75	665099.14	64188.27	1	0
## 496	6995.90	541670.10	48901.44	0	0
## 497	12301.46	360419.10	31491.41	0	0
## 498	10611.61	764531.32	64147.29	1	0
## 499	14013.03	337826.64	45442.15	1	0
## 500	9391.34	462946.49	45107.23	0	0

To show only new variables, use `transmute` instead of `mutate`.

```
dfdata %>% transmute(Old = as.integer(age >= 50),
                     middleclass = as.integer(annual_Salary >= 80000)
)
```

##	Old	middleclass
## 1	0	0
## 2	0	0
## 3	0	0

## 4	1	0
## 5	1	0
## 6	1	0
## 7	0	0
## 8	1	0
## 9	0	0
## 10	0	0
## 11	1	0
## 12	1	0
## 13	0	0
## 14	0	0
## 15	1	0
## 16	1	0
## 17	0	0
## 18	0	0
## 19	1	0
## 20	1	0
## 21	1	0
## 22	0	0
## 23	0	0
## 24	0	0
## 25	0	0
## 26	1	0
## 27	0	1
## 28	1	0
## 29	0	1
## 30	0	0
## 31	0	0
## 32	0	0
## 33	1	1
## 34	1	0
## 35	0	0
## 36	1	0
## 37	1	0
## 38	0	0
## 39	1	0

## 40	0	1
## 41	0	0
## 42	0	0
## 43	0	0
## 44	0	0
## 45	1	0
## 46	1	0
## 47	0	0
## 48	1	0
## 49	0	0
## 50	0	0
## 51	0	0
## 52	1	0
## 53	0	0
## 54	0	0
## 55	1	0
## 56	1	0
## 57	0	1
## 58	0	0
## 59	1	0
## 60	0	0
## 61	0	0
## 62	0	0
## 63	1	0
## 64	1	0
## 65	1	0
## 66	0	0
## 67	1	0
## 68	0	0
## 69	1	0
## 70	1	0
## 71	0	0
## 72	1	0
## 73	0	0
## 74	0	0
## 75	1	0

## 76	0	0
## 77	1	0
## 78	1	0
## 79	0	0
## 80	0	0
## 81	0	0
## 82	0	0
## 83	0	0
## 84	0	0
## 85	0	0
## 86	0	0
## 87	0	0
## 88	0	0
## 89	1	0
## 90	0	0
## 91	1	0
## 92	1	0
## 93	0	0
## 94	1	0
## 95	1	0
## 96	0	0
## 97	0	1
## 98	0	0
## 99	0	0
## 100	0	0
## 101	1	0
## 102	0	0
## 103	0	0
## 104	0	0
## 105	0	0
## 106	0	0
## 107	0	0
## 108	1	0
## 109	0	0
## 110	0	0
## 111	0	0

## 112	1	0
## 113	0	1
## 114	1	0
## 115	0	0
## 116	1	0
## 117	0	0
## 118	0	1
## 119	0	0
## 120	0	0
## 121	0	0
## 122	0	0
## 123	1	0
## 124	0	0
## 125	1	0
## 126	1	0
## 127	1	0
## 128	0	0
## 129	1	1
## 130	0	0
## 131	1	0
## 132	0	0
## 133	0	0
## 134	0	0
## 135	0	0
## 136	0	0
## 137	0	0
## 138	0	0
## 139	0	0
## 140	0	0
## 141	1	0
## 142	0	0
## 143	1	0
## 144	0	0
## 145	1	0
## 146	1	0
## 147	0	0

## 148	1	0
## 149	1	1
## 150	0	0
## 151	0	0
## 152	1	0
## 153	0	0
## 154	0	0
## 155	0	0
## 156	1	0
## 157	1	0
## 158	1	0
## 159	0	0
## 160	1	0
## 161	1	0
## 162	0	0
## 163	0	0
## 164	1	0
## 165	0	0
## 166	0	0
## 167	0	0
## 168	0	0
## 169	0	0
## 170	0	0
## 171	0	0
## 172	0	0
## 173	0	0
## 174	1	1
## 175	0	0
## 176	0	0
## 177	0	0
## 178	1	1
## 179	0	0
## 180	0	0
## 181	1	0
## 182	0	0
## 183	0	0

## 184	1	0
## 185	1	0
## 186	0	0
## 187	1	0
## 188	1	0
## 189	1	0
## 190	1	0
## 191	0	1
## 192	0	0
## 193	0	0
## 194	0	0
## 195	1	0
## 196	1	0
## 197	1	0
## 198	0	0
## 199	1	0
## 200	0	0
## 201	0	0
## 202	1	0
## 203	0	0
## 204	1	0
## 205	1	0
## 206	1	0
## 207	0	0
## 208	1	0
## 209	0	0
## 210	1	0
## 211	1	0
## 212	1	0
## 213	1	0
## 214	0	0
## 215	0	0
## 216	0	0
## 217	0	0
## 218	0	0
## 219	0	0

##	220	1	0
##	221	1	0
##	222	0	0
##	223	0	0
##	224	0	0
##	225	0	0
##	226	0	0
##	227	0	0
##	228	0	0
##	229	1	0
##	230	0	0
##	231	1	0
##	232	0	0
##	233	0	0
##	234	1	0
##	235	0	0
##	236	0	0
##	237	1	0
##	238	1	0
##	239	1	0
##	240	0	0
##	241	0	0
##	242	0	0
##	243	0	1
##	244	1	0
##	245	0	0
##	246	0	0
##	247	1	0
##	248	1	0
##	249	0	0
##	250	0	0
##	251	1	0
##	252	0	0
##	253	0	0
##	254	0	0
##	255	0	0

##	256	0	0
##	257	0	0
##	258	0	0
##	259	0	0
##	260	0	0
##	261	1	0
##	262	0	0
##	263	0	0
##	264	1	0
##	265	0	0
##	266	0	0
##	267	0	0
##	268	0	0
##	269	1	0
##	270	1	0
##	271	0	0
##	272	0	0
##	273	0	0
##	274	1	0
##	275	1	0
##	276	0	0
##	277	1	0
##	278	1	0
##	279	0	0
##	280	0	0
##	281	0	0
##	282	1	0
##	283	0	0
##	284	0	0
##	285	1	0
##	286	1	0
##	287	0	0
##	288	0	0
##	289	0	0
##	290	0	1
##	291	1	0

##	292	1	0
##	293	0	0
##	294	0	0
##	295	0	0
##	296	0	0
##	297	0	0
##	298	0	0
##	299	0	0
##	300	0	1
##	301	1	1
##	302	0	0
##	303	0	0
##	304	1	0
##	305	0	0
##	306	1	0
##	307	1	0
##	308	1	0
##	309	0	0
##	310	0	0
##	311	1	0
##	312	0	0
##	313	1	0
##	314	1	0
##	315	0	0
##	316	1	1
##	317	0	0
##	318	0	1
##	319	0	0
##	320	0	0
##	321	0	0
##	322	0	0
##	323	1	0
##	324	0	0
##	325	0	0
##	326	1	0
##	327	0	0

## 328	0	0
## 329	0	0
## 330	0	0
## 331	0	0
## 332	0	0
## 333	0	0
## 334	0	0
## 335	0	0
## 336	1	0
## 337	1	0
## 338	0	0
## 339	1	0
## 340	0	0
## 341	0	0
## 342	0	0
## 343	0	1
## 344	0	0
## 345	0	0
## 346	0	0
## 347	0	0
## 348	0	0
## 349	0	0
## 350	1	0
## 351	0	0
## 352	1	0
## 353	1	0
## 354	1	0
## 355	1	0
## 356	1	0
## 357	0	0
## 358	0	0
## 359	1	0
## 360	0	0
## 361	1	0
## 362	0	0
## 363	0	0

## 364	0	0
## 365	0	0
## 366	1	1
## 367	0	0
## 368	1	0
## 369	0	0
## 370	0	0
## 371	0	1
## 372	0	0
## 373	0	0
## 374	0	0
## 375	1	0
## 376	0	0
## 377	0	0
## 378	0	0
## 379	1	0
## 380	0	0
## 381	1	0
## 382	0	0
## 383	1	0
## 384	0	0
## 385	0	0
## 386	1	0
## 387	1	0
## 388	0	0
## 389	0	0
## 390	0	0
## 391	0	0
## 392	1	0
## 393	0	0
## 394	0	0
## 395	1	0
## 396	0	0
## 397	1	0
## 398	0	0
## 399	0	0

##	400	0	0
##	401	1	0
##	402	0	0
##	403	0	0
##	404	0	0
##	405	1	0
##	406	0	0
##	407	1	0
##	408	0	0
##	409	0	0
##	410	1	0
##	411	0	0
##	412	0	0
##	413	0	0
##	414	0	0
##	415	0	0
##	416	0	1
##	417	0	0
##	418	0	0
##	419	0	0
##	420	0	0
##	421	1	0
##	422	0	0
##	423	0	0
##	424	0	1
##	425	0	0
##	426	0	0
##	427	0	0
##	428	0	0
##	429	0	0
##	430	0	0
##	431	0	0
##	432	0	0
##	433	0	0
##	434	0	0
##	435	0	1

##	436	1	0
##	437	1	0
##	438	1	0
##	439	0	0
##	440	0	0
##	441	0	0
##	442	0	0
##	443	0	0
##	444	0	0
##	445	0	0
##	446	1	0
##	447	1	0
##	448	0	0
##	449	1	0
##	450	0	0
##	451	0	0
##	452	1	0
##	453	0	0
##	454	0	0
##	455	0	0
##	456	0	0
##	457	0	1
##	458	0	0
##	459	0	0
##	460	0	0
##	461	0	0
##	462	0	0
##	463	0	0
##	464	1	0
##	465	1	0
##	466	1	1
##	467	1	0
##	468	0	0
##	469	0	0
##	470	0	0
##	471	1	1

```
## 472  0      0
## 473  0      0
## 474  0      0
## 475  0      0
## 476  1      0
## 477  1      0
## 478  0      0
## 479  1      0
## 480  1      0
## 481  1      0
## 482  0      0
## 483  1      0
## 484  0      0
## 485  1      0
## 486  1      0
## 487  0      0
## 488  0      0
## 489  0      0
## 490  1      0
## 491  0      0
## 492  1      0
## 493  1      0
## 494  0      0
## 495  1      0
## 496  0      0
## 497  0      0
## 498  1      0
## 499  1      0
## 500  0      0
```

group_by and summarize

By using `group_by` and `summarize`, you can divide groups as desired and obtain summary statistics for each group. In basic R, the `aggregate` function performs the same function.

```
dfdata %>%
  group_by(age, gender) %>%
  summarize(count = n(),
            meanSalary = mean(annual_Salary))
```

'summarise()' has grouped output by 'age'. You can override using the '.groups' argument.

```
## # A tibble: 76 x 4
## # Groups:   age [43]
##   age gender count meanSalary
##   <int> <int> <int>      <dbl>
## 1    20     1     1    70467.
## 2    22     1     1    43132.
## 3    25     0     1    45093.
## 4    27     0     1    55370.
## 5    28     0     1    82843.
## 6    29     1     2    62303.
## 7    30     1     3    66763.
## 8    31     0     1    41362.
## 9    32     0     6    68672.
## 10   32     1     3    44926.
## # ... with 66 more rows
```

To insert a string such as “age” in `group_by`, use the `group_by__` function with an underscore (`_`).

Conclusion

So far, we have seen how to manipulate data using several packages in the tidyverse ecosystem. As I said earlier, the most important thing in this ecosystem is to perform coding according to the stream of consciousness using the `%>%` operator, and if you apply the rest of the contents one by one, at some point you will find yourself unable to live without the tidyverse.