Assignment2

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#The data contains data of American killed by police in the year 2015 .This data has 467 entities with 34 variables.Looking much into it contains information about people address names , race city ,state ,household income and many other important information about individuals involved in this killings .looking at the data it was observed that black Americans who lived in poorer communities were likely to be killed than people living in richer communities.

url <- "https://raw.githubusercontent.com/fivethirtyeight/data/master/police-killings/police\_killings.csv"  
need <- read.csv(url)  
  
head(need,2)

## name age gender raceethnicity month day year  
## 1 A'donte Washington 16 Male Black February 23 2015  
## 2 Aaron Rutledge 27 Male White April 2 2015  
## streetaddress city state latitude longitude state\_fp county\_fp  
## 1 Clearview Ln Millbrook AL 32.52958 -86.36283 1 51  
## 2 300 block Iris Park Dr Pineville LA 31.32174 -92.43486 22 79  
## tract\_ce geo\_id county\_id namelsad  
## 1 30902 1051030902 1051 Census Tract 309.02  
## 2 11700 22079011700 22079 Census Tract 117  
## lawenforcementagency cause armed pop share\_white share\_black  
## 1 Millbrook Police Department Gunshot No 3779 60.5 30.5  
## 2 Rapides Parish Sheriff's Office Gunshot No 2769 53.8 36.2  
## share\_hispanic p\_income h\_income county\_income comp\_income county\_bucket  
## 1 5.6 28375 51367 54766 0.9379359 3  
## 2 0.5 14678 27972 40930 0.6834107 2  
## nat\_bucket pov urate college  
## 1 3 14.1 0.09768638 0.1685095  
## 2 1 28.8 0.06572379 0.1114024

#lets select just name age gender and raceethnicity   
select(need,name,age,gender,raceethnicity)

## name age gender  
## 1 A'donte Washington 16 Male  
## 2 Aaron Rutledge 27 Male  
## 3 Aaron Siler 26 Male  
## 4 Aaron Valdez 25 Male  
## 5 Adam Jovicic 29 Male  
## 6 Adam Reinhart 29 Male  
## 7 Adrian Hernandez 22 Male  
## 8 Adrian Solis 35 Male  
## 9 Alan Alverson 44 Male  
## 10 Alan James 31 Male  
## 11 Albert Hanson Jr 76 Male  
## 12 Alec Ouzounian 40 Male  
## 13 Alejandro Salazar Unknown Male  
## 14 Alexander Long 31 Male  
## 15 Alexander Myers 23 Male  
## 16 Alexander Rivera 39 Male  
## 17 Alexia Christian 25 Female  
## 18 Alfredo Rials-Torres 54 Male  
## 19 Alice Brown 24 Female  
## 20 Alvin Haynes 57 Male  
## 21 Amilcar Perez-Lopez 21 Male  
## 22 Andre Murphy Sr 42 Male  
## 23 Andres Lara-Rodriguez 21 Male  
## 24 Andrew Driver 36 Male  
## 25 Andrew Jackson 26 Male  
## 26 Andrew Shipley 49 Male  
## 27 Andrew Toto 54 Male  
## 28 Andrew Valadez 26 Male  
## 29 Andrew Williams 48 Male  
## 30 Andy Martinez 33 Male  
## 31 Angel Corona Jr 21 Male  
## 32 Angelo West 41 Male  
## 33 Anthony Bess 48 Male  
## 34 Anthony Briggs 36 Male  
## 35 Anthony Giaquinta 41 Male  
## 36 Anthony Gomez Jr 29 Male  
## 37 Anthony Hill 27 Male  
## 38 Anthony Purvis 45 Male  
## 39 Antonio Perez 32 Male  
## 40 Antonio Zambrano-Montes 35 Male  
## 41 Artago Howard 36 Male  
## 42 Askari Roberts 35 Male  
## 43 Aurelio Duarte 40 Male  
## 44 Austin Goodner 18 Male  
## 45 Autumn Steele 34 Female  
## 46 Benito Osorio 39 Male  
## 47 Benjamin Quezada 21 Male  
## 48 Bernard Moore 62 Male  
## 49 Betty Sexton 43 Female  
## 50 Billy Grimm 44 Male  
## 51 Billy Patrick 29 Male  
## 52 Bobby Gross 35 Male  
## 53 Bradford Leonard 50 Male  
## 54 Brandon Jones 18 Male  
## 55 Brandon Lawrence 25 Male  
## 56 Brandon Rapp 31 Male  
## 57 Brendon Glenn 29 Male  
## 58 Brian Babb 49 Male  
## 59 Brian Barbosa 23 Male  
## 60 Brian Fritze 45 Male  
## 61 Brian Pickett 26 Male  
## 62 Brock Nichols 35 Male  
## 63 Bruce Steward 34 Male  
## 64 Bruce Zalonka 46 Male  
## 65 Byron Herbert 29 Male  
## 66 Calvon Reid 39 Male  
## 67 Carl Lao 28 Male  
## 68 Carlos Saavedra Ramirez 51 Male  
## 69 Carter Ray Castle 67 Male  
## 70 Cary Martin 53 Male  
## 71 Caso Jackson 25 Male  
## 72 Cedrick Bishop 30 Male  
## 73 Celin Nunez 24 Male  
## 74 Chance Thompson 35 Male  
## 75 Charly 'Africa' Keunang 43 Male  
## 76 Chazsten Freeman 24 Male  
## 77 Chris Ingram 29 Male  
## 78 Chrislon Talbott 38 Male  
## 79 Christopher Finley 31 Male  
## 80 Christopher Healy 36 Male  
## 81 Christopher Mitchell 23 Male  
## 82 Christopher Prevatt 38 Male  
## 83 Clifton Reintzel 53 Male  
## 84 Cody Evans 24 Male  
## 85 Cody Karasek 26 Male  
## 86 Cornelius Parker 28 Male  
## 87 Crystal Miley 34 Female  
## 88 D'Angelo Stallworth 28 Male  
## 89 DaJuan Graham 40 Male  
## 90 Dalton Branch 51 Male  
## 91 Dana Hlavinka 44 Male  
## 92 Daniel Brumley 25 Male  
## 93 Daniel Caldwell 56 Male  
## 94 Daniel Covarrubias 37 Male  
## 95 Daniel Davis 58 Male  
## 96 Daniel Elrod 39 Male  
## 97 Daniel Mejia 37 Male  
## 98 Daniel Wolfe 35 Male  
## 99 Darin Hutchins 26 Male  
## 100 Darrell 'Hubbard' Gatewood 47 Male  
## 101 Darrell Brown 31 Male  
## 102 Darrell Morgan 60 Male  
## 103 Darrin Langford 32 Male  
## 104 Daryl Myler 45 Male  
## 105 David Cuevas 42 Male  
## 106 David Gaines 17 Male  
## 107 David Gandara 22 Male  
## 108 David Garcia 33 Male  
## 109 David Johnson 18 Male  
## 110 David Kapuscinski 39 Male  
## 111 David Kassick 59 Male  
## 112 David Lynch 33 Male  
## 113 David Parker 58 Male  
## 114 David Schwalm 58 Male  
## 115 David Watford 47 Male  
## 116 David Werblow 41 Male  
## 117 Dean Bucheit 64 Male  
## 118 Dean Genova 45 Male  
## 119 Deanne Choate 53 Female  
## 120 Declan Owen 24 Male  
## 121 Dedrick Marshall 48 Male  
## 122 Demaris Turner 29 Male  
## 123 Denis Reyes 40 Male  
## 124 Dennis Fiel 34 Male  
## 125 Denzel Brown 21 Male  
## 126 Derek Cruice 26 Male  
## 127 Desmond Luster 45 Male  
## 128 Desmond Willis 25 Male  
## 129 Deven Guilford 17 Male  
## 130 Devin Gates 24 Male  
## 131 Dewayne Carr 42 Male  
## 132 Dewayne Ward Jr 29 Male  
## 133 Dexter Bethea 42 Male  
## 134 Dominick Wise 30 Male  
## 135 Don Smith 29 Male  
## 136 Donald 'Dontay' Ivy 39 Male  
## 137 Donald Hicks 63 Male  
## 138 Donald Matkins 49 Male  
## 139 Donte Noble 41 Male  
## 140 Donte Sowell 27 Male  
## 141 Doug Sparks 30 Male  
## 142 Douglas Faith 60 Male  
## 143 Douglas Harris 77 Male  
## 144 Ebin Proctor 19 Male  
## 145 Edixon Franco 37 Male  
## 146 Edward Bright Sr 54 Male  
## 147 Elias Cavazos 29 Male  
## 148 Elton Simpson 30 Male  
## 149 Elvin Diaz 24 Male  
## 150 Enoch Gaver 21 Male  
## 151 Eric Harris 44 Male  
## 152 Eric Robinson 40 Male  
## 153 Erick Rose 32 Male  
## 154 Erick Sanchez 22 Male  
## 155 Erik Tellez 43 Male  
## 156 Ernesto Flores 52 Male  
## 157 Ernesto Javier Canepa Diaz 27 Male  
## 158 Ethan Noll 34 Male  
## 159 Eugene Smith II 20 Male  
## 160 Fednel Rhinvil 25 Male  
## 161 Felix David 24 Male  
## 162 Feras Morad 20 Male  
## 163 Fletcher Stewart 46 Male  
## 164 Francis Rose III 42 Male  
## 165 Francis Spivey 43 Male  
## 166 Frank 'Trey' Shephard III 41 Male  
## 167 Fred Liggett Jr 59 Male  
## 168 Freddie Gray 25 Male  
## 169 Fridoon Rawshannehad 42 Male  
## 170 Garland Wingo 64 Male  
## 171 Garrett Gagne 22 Male  
## 172 Garrett Sandeno 24 Male  
## 173 Gary Collins 63 Male  
## 174 Gary Kendrick 56 Male  
## 175 Gary Page 60 Male  
## 176 Gilbert Fleury 54 Male  
## 177 Glenn Lewis 37 Male  
## 178 Gordon Kimbrell Jr 22 Male  
## 179 Gregory Smith 39 Male  
## 180 Grover Sapp Jr 45 Male  
## 181 Harry Davis 57 Male  
## 182 Harvey Oates 42 Male  
## 183 Hashim Abdul-Rasheed 41 Male  
## 184 Hector Morejon 19 Male  
## 185 Herbert Hill 26 Male  
## 186 Howard Brent Means Jr 34 Male  
## 187 Howard Robbins 69 Male  
## 188 Hue Dang 64 Female  
## 189 Hung Trieu 35 Male  
## 190 Ian Sherrod 40 Male  
## 191 Isaac Holmes 19 Male  
## 192 Isaac Jimenez 27 Male  
## 193 Izzy Colon 37 Male  
## 194 Jacob Haglund 17 Male  
## 195 Jamalis Hall 39 Male  
## 196 James Allen 74 Male  
## 197 James Barker 42 Male  
## 198 James Bushey 47 Male  
## 199 James Cooper 43 Male  
## 200 James Damon 46 Male  
## 201 James Ellis 44 Male  
## 202 James Greenwell 31 Male  
## 203 James Horn Jr 47 Male  
## 204 James Jimenez 41 Male  
## 205 James Moore 43 Male  
## 206 James Morris 40 Male  
## 207 James Strong 32 Male  
## 208 Jamie Croom 31 Male  
## 209 Jamison Childress 20 Male  
## 210 Janisha Fonville 20 Female  
## 211 Jared Forsyth 33 Male  
## 212 Jared Johnson 22 Male  
## 213 Jason Carter 41 Male  
## 214 Jason Champion 41 Male  
## 215 Jason Evans 32 Male  
## 216 Jason Hendrix 16 Male  
## 217 Jason Moland 29 Male  
## 218 Jason Smith 42 Male  
## 219 Javoris Washington 29 Male  
## 220 Jeff Alexander 47 Male  
## 221 Jeffery Adkins 53 Male  
## 222 Jeffery Kemp 18 Male  
## 223 Jeffrey Jackson 47 Male  
## 224 Jeffrey Nielson 34 Male  
## 225 Jeffrey Pitts 36 Male  
## 226 Jeffrey Surnow 63 Male  
## 227 Jeremy Anderson 36 Male  
## 228 Jeremy Kelly 27 Male  
## 229 Jeremy Lett 28 Male  
## 230 Jermonte Fletcher 33 Male  
## 231 Jerome Caldwell 32 Male  
## 232 Jerome Nichols 42 Male  
## 233 Jess Leipold 31 Male  
## 234 Jessica Hernandez 17 Female  
## 235 Jessica Uribe 28 Female  
## 236 Jessie Williams 24 Male  
## 237 Jimmy Foreman 71 Male  
## 238 Jimmy Robinson Jr 51 Male  
## 239 Joaquin Hernandez 28 Male  
## 240 John Acree 53 Male  
## 241 John Allen 54 Male  
## 242 John Ballard Gorman 45 Male  
## 243 John Kaafi 33 Male  
## 244 John Marshall 48 Male  
## 245 John O'Keefe 34 Male  
## 246 John Quintero 23 Male  
## 247 John Sawyer 35 Male  
## 248 John Whittaker 33 Male  
## 249 Johnathon Guillory 32 Male  
## 250 Jonathan Colley 52 Male  
## 251 Jonathan Efraim 30 Male  
## 252 Jonathan Harden 23 Male  
## 253 Jonathan McIntosh 35 Male  
## 254 Jonathan Paul 42 Male  
## 255 Jonathan Pierce 37 Male  
## 256 Jose Antonio Espinoza Ruiz 56 Male  
## 257 Jose Ceja 36 Male  
## 258 Jose Herrera 27 Male  
## 259 Joseph Biegert 30 Male  
## 260 Joseph Caffarello 31 Male  
## 261 Joseph Paffen 46 Male  
## 262 Joseph Potts 51 Male  
## 263 Joseph Roy 72 Male  
## 264 Joseph Slater 28 Male  
## 265 Joseph Tassinari 63 Male  
## 266 Joseph Weber 28 Male  
## 267 Joshua Deysie 33 Male  
## 268 Joshua Garcia 24 Male  
## 269 Joshua Green 27 Male  
## 270 Justin Fowler 24 Male  
## 271 Justin Tolkinen 28 Male  
## 272 Justin Way 28 Male  
## 273 Justus Howell 17 Male  
## 274 Karen Janks 46 Female  
## 275 Karl Taylor 52 Male  
## 276 Kavonda Payton 39 Male  
## 277 Kaylene Stone 49 Female  
## 278 Kelvin Goldston 30 Male  
## 279 Ken Cockerel 51 Male  
## 280 Kendre Alston 16 Male  
## 281 Kenneth Brown 18 Male  
## 282 Kenneth Buck 22 Male  
## 283 Kenneth Dothard 40 Male  
## 284 Kenneth Kreyssig 61 Male  
## 285 Kenneth Mathena 52 Male  
## 286 Kent Norman 51 Male  
## 287 Kevin Allen 36 Male  
## 288 Kevin Norton 36 Male  
## 289 Kimber Key 59 Male  
## 290 Kristiana Coignard 17 Female  
## 291 Kyle Baker 18 Male  
## 292 Larry Hostetter 41 Male  
## 293 Larry Kobuk 33 Male  
## 294 Lavall Hall 25 Male  
## 295 Ledarius Williams 23 Male  
## 296 Leslie Sapp III 47 Male  
## 297 Lester Brown 58 Male  
## 298 Lewis Lembke 47 Male  
## 299 Lionel Young 34 Male  
## 300 Loren Simpson 28 Male  
## 301 Lorenzo Hayes 37 Male  
## 302 Louis Becker 87 Male  
## 303 Lue Vang 39 Male  
## 304 Luis Chavez-Diaz 27 Male  
## 305 Luis Molina Martinez 35 Male  
## 306 Mack Long 36 Male  
## 307 Marcus Golden 24 Male  
## 308 Marcus Wheeler 26 Male  
## 309 Mario Jordan 34 Male  
## 310 Mark Adair 51 Male  
## 311 Mark Cecil Hawkins 49 Male  
## 312 Mark Farrar 41 Male  
## 313 Mark Smith 54 Male  
## 314 Markell Atkins 36 Male  
## 315 Markus Clark 26 Male  
## 316 Matautu Nuu 35 Male  
## 317 Matthew Ajibade 22 Male  
## 318 Matthew Belk 27 Male  
## 319 Matthew Coates 42 Male  
## 320 Matthew Hoffman 32 Male  
## 321 Matthew Lundy 32 Male  
## 322 Matthew Metz 25 Male  
## 323 Meagan Hockaday 26 Female  
## 324 Michael Asher 53 Male  
## 325 Michael Casper 26 Male  
## 326 Michael Foster 40 Male  
## 327 Michael Gallagher 55 Male  
## 328 Michael Goebel 29 Male  
## 329 Michael Ireland 31 Male  
## 330 Michael Kocher Jr 19 Male  
## 331 Michael Lemon 57 Male  
## 332 Michael Lowrey 40 Male  
## 333 Michael McKillop 35 Male  
## 334 Michael Murphy 35 Male  
## 335 Michael Rodriguez 39 Male  
## 336 Michael Smashey 37 Male  
## 337 Miguel Anguel de Santos-Rodriguez 36 Male  
## 338 Millard Tallant III 62 Male  
## 339 Monique Deckard 43 Female  
## 340 Mychael Lynch 32 Male  
## 341 Nadir Soofi 34 Male  
## 342 Naeschylus Vinzant 37 Male  
## 343 Natasha McKenna 37 Female  
## 344 Nathan Massey 33 Male  
## 345 Nehemiah Fischer 35 Male  
## 346 Neil Seifert 40 Male  
## 347 Nephi Arriguin 21 Male  
## 348 Nicholas Brickman 30 Male  
## 349 Nicholas Thomas 23 Male  
## 350 Nicolas Tewa 26 Male  
## 351 Nikki Burtsfield 39 Female  
## 352 Norman Cooper 33 Male  
## 353 Nuwnah Laroche 34 Female  
## 354 Omarr Jackson 37 Male  
## 355 Orlando Lopez 26 Male  
## 356 Pablo Meza 24 Male  
## 357 Patrick Wetter 25 Male  
## 358 Paul Anderson 31 Male  
## 359 Paul Campbell 49 Male  
## 360 Paul Johnson 59 Male  
## 361 Pedro 'Pete' Juan Saldivar 50 Male  
## 362 Philip Conley 37 Male  
## 363 Phillip Burgess 28 Male  
## 364 Phillip Garcia 26 Male  
## 365 Phillip Watkins 23 Male  
## 366 Phillip White 32 Male  
## 367 Quincy Reed Reindl 24 Male  
## 368 Ralph Willis 42 Male  
## 369 Randall Torrence 34 Male  
## 370 Raymond Kmetz 68 Male  
## 371 Reginald McGregor 31 Male  
## 372 Richard 'Buddy' Weaver 83 Male  
## 373 Richard Carlin 35 Male  
## 374 Richard Castilleja 29 Male  
## 375 Richard Davis 50 Male  
## 376 Richard Hanna 56 Male  
## 377 Richard McClendon 43 Male  
## 378 Richard Reed 38 Male  
## 379 Richard White 63 Male  
## 380 Ricky Hall 27 Male  
## 381 Roark Cook 36 Male  
## 382 Robert Box 55 Male  
## 383 Robert Burdge 36 Male  
## 384 Robert Edwards 68 Male  
## 385 Robert Francis Mesch 61 Male  
## 386 Robert Frost 46 Male  
## 387 Robert Kohl 47 Male  
## 388 Robert Rooker 26 Male  
## 389 Robert Washington 37 Male  
## 390 Roberto Leon 22 Male  
## 391 Roberto Ornelas 18 Male  
## 392 Roberto Rodriguez 39 Male  
## 393 Rodney Biggs 49 Male  
## 394 Rodney Walker 23 Male  
## 395 Rodolfo Velazquez 47 Male  
## 396 Ronald Sneed 32 Male  
## 397 Ronell Wade 45 Male  
## 398 Roy Day 51 Male  
## 399 Rub\xcc\_\xe5\xa9n Garc\xcc\_\_a Villalpando 31 Male  
## 400 Russell Sharrer 54 Male  
## 401 Ryan Burgess 31 Male  
## 402 Salome Rodriguez Jr 23 Male  
## 403 Salvador Figueroa 29 Male  
## 404 Salvador Muna 28 Male  
## 405 Sam Holmes 31 Male  
## 406 Santos 'Cuate' Cortez Hernandez 24 Male  
## 407 Sawyer Flache 27 Male  
## 408 Scott Dunham 57 Male  
## 409 Scott McAllister 39 Male  
## 410 Sean Pelletier 38 Male  
## 411 Sergio Navas 34 Male  
## 412 Shane Watkins 39 Male  
## 413 Shaquille Barrow 20 Male  
## 414 Shaun Johnson 35 Male  
## 415 Shawn Clyde 36 Male  
## 416 Sheldon Haleck 38 Male  
## 417 Simon Hubble 33 Male  
## 418 Sinthanouxay Khottavongsa 57 Male  
## 419 Stanley Grant 38 Male  
## 420 Stanley Watson 72 Male  
## 421 Stephanie Hill 37 Female  
## 422 Stephen Cunningham 47 Male  
## 423 Steven Davenport 43 Male  
## 424 Steven Snyder 37 Male  
## 425 Talbot Schroeder 75 Male  
## 426 Terence Walker 21 Male  
## 427 Terrance Kellom 20 Male  
## 428 Terrance Moxley 29 Male  
## 429 Terry Garnett Jr 37 Male  
## 430 Terry Price 41 Male  
## 431 Tevin Barkley 22 Male  
## 432 Thaddeus McCarroll 23 Male  
## 433 Theodore Johnson 64 Male  
## 434 Thomas Allen Jr 34 Male  
## 435 Thomas Hamby 49 Male  
## 436 Thong Kien Ma 32 Male  
## 437 Tiano Meton 25 Male  
## 438 Tiffany Terry 39 Female  
## 439 Tim Elliott 53 Male  
## 440 Timothy Jones 27 Male  
## 441 Todd Allen Hodge 36 Male  
## 442 Todd Jamal Dye 20 Male  
## 443 Tommy Smith 39 Male  
## 444 Tony Robinson 19 Male  
## 445 Tony Ross 34 Male  
## 446 Troy Boyd 36 Male  
## 447 Tyrel Vick 34 Male  
## 448 Tyrell Larsen 31 Male  
## 449 Tyrone Ryerson 45 Male  
## 450 Tyson Hubbard 34 Male  
## 451 Unknown Unknown Male  
## 452 Unknown Unknown Female  
## 453 Unknown Unknown Male  
## 454 Victor Reyes 31 Male  
## 455 Victor Terrazas 28 Male  
## 456 Vincent Cordaro 57 Male  
## 457 Walter Brown III 29 Male  
## 458 Walter Scott 50 Male  
## 459 Wendell King 40 Male  
## 460 Wilber Castillo-Gongora 35 Male  
## 461 William 'Rusty' Smith 53 Male  
## 462 William Campbell 59 Male  
## 463 William Chapman II 18 Male  
## 464 William Dick III 28 Male  
## 465 William Poole 52 Male  
## 466 Yuvette Henderson 38 Female  
## 467 Zaki Shinwary 48 Male  
## raceethnicity  
## 1 Black  
## 2 White  
## 3 White  
## 4 Hispanic/Latino  
## 5 White  
## 6 White  
## 7 Hispanic/Latino  
## 8 Hispanic/Latino  
## 9 White  
## 10 White  
## 11 White  
## 12 White  
## 13 Hispanic/Latino  
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## 15 White  
## 16 Hispanic/Latino  
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## 22 Black  
## 23 Hispanic/Latino  
## 24 White  
## 25 White  
## 26 White  
## 27 White  
## 28 White  
## 29 Black  
## 30 Hispanic/Latino  
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## 32 Black  
## 33 Black  
## 34 Black  
## 35 Hispanic/Latino  
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## 37 Black  
## 38 White  
## 39 Hispanic/Latino  
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## 41 Black  
## 42 Black  
## 43 Hispanic/Latino  
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## 48 Black  
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## 55 White  
## 56 White  
## 57 Black  
## 58 White  
## 59 Unknown  
## 60 White  
## 61 Black  
## 62 White  
## 63 White  
## 64 Asian/Pacific Islander  
## 65 Black  
## 66 Black  
## 67 Asian/Pacific Islander  
## 68 Hispanic/Latino  
## 69 White  
## 70 White  
## 71 Black  
## 72 Black  
## 73 Hispanic/Latino  
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## 90 Black  
## 91 White  
## 92 Hispanic/Latino  
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## 94 Hispanic/Latino  
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## 99 Black  
## 100 Black  
## 101 Black  
## 102 White  
## 103 Black  
## 104 White  
## 105 Hispanic/Latino  
## 106 White  
## 107 Hispanic/Latino  
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## 123 Hispanic/Latino  
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## 142 White  
## 143 Black  
## 144 Unknown  
## 145 Hispanic/Latino  
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## 147 Hispanic/Latino  
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## 154 Hispanic/Latino  
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## 162 Unknown  
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## 181 White  
## 182 White  
## 183 Black  
## 184 Hispanic/Latino  
## 185 Black  
## 186 White  
## 187 White  
## 188 Asian/Pacific Islander  
## 189 Asian/Pacific Islander  
## 190 Black  
## 191 Black  
## 192 Hispanic/Latino  
## 193 Hispanic/Latino  
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## 195 Black  
## 196 Black  
## 197 White  
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## 203 White  
## 204 Hispanic/Latino  
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## 228 Black  
## 229 Black  
## 230 Black  
## 231 Black  
## 232 White  
## 233 White  
## 234 Hispanic/Latino  
## 235 Unknown  
## 236 White  
## 237 Unknown  
## 238 Black  
## 239 Hispanic/Latino  
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## 253 White  
## 254 Black  
## 255 White  
## 256 Hispanic/Latino  
## 257 Hispanic/Latino  
## 258 Hispanic/Latino  
## 259 White  
## 260 White  
## 261 White  
## 262 White  
## 263 Unknown  
## 264 White  
## 265 White  
## 266 White  
## 267 Hispanic/Latino  
## 268 Hispanic/Latino  
## 269 White  
## 270 Native American  
## 271 White  
## 272 White  
## 273 Black  
## 274 White  
## 275 Black  
## 276 Black  
## 277 White  
## 278 Black  
## 279 White  
## 280 Black  
## 281 White  
## 282 Hispanic/Latino  
## 283 Black  
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## 287 Black  
## 288 White  
## 289 White  
## 290 White  
## 291 White  
## 292 White  
## 293 Native American  
## 294 Black  
## 295 Black  
## 296 Black  
## 297 White  
## 298 White  
## 299 Black  
## 300 White  
## 301 Black  
## 302 White  
## 303 Asian/Pacific Islander  
## 304 Hispanic/Latino  
## 305 Hispanic/Latino  
## 306 Black  
## 307 Black  
## 308 Black  
## 309 Black  
## 310 White  
## 311 White  
## 312 White  
## 313 White  
## 314 Black  
## 315 Black  
## 316 Asian/Pacific Islander  
## 317 Black  
## 318 White  
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## 331 Unknown  
## 332 White  
## 333 White  
## 334 White  
## 335 Hispanic/Latino  
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## 337 Hispanic/Latino  
## 338 White  
## 339 Black  
## 340 White  
## 341 Asian/Pacific Islander  
## 342 Black  
## 343 Black  
## 344 White  
## 345 White  
## 346 White  
## 347 Black  
## 348 White  
## 349 Black  
## 350 Native American  
## 351 White  
## 352 Black  
## 353 Black  
## 354 Black  
## 355 Hispanic/Latino  
## 356 Hispanic/Latino  
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## 361 Hispanic/Latino  
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## 364 Hispanic/Latino  
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## 372 White  
## 373 White  
## 374 Hispanic/Latino  
## 375 Black  
## 376 Unknown  
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## 381 White  
## 382 White  
## 383 White  
## 384 White  
## 385 White  
## 386 White  
## 387 White  
## 388 White  
## 389 Black  
## 390 Hispanic/Latino  
## 391 Hispanic/Latino  
## 392 Hispanic/Latino  
## 393 White  
## 394 Black  
## 395 Hispanic/Latino  
## 396 Black  
## 397 Black  
## 398 White  
## 399 Hispanic/Latino  
## 400 White  
## 401 White  
## 402 Hispanic/Latino  
## 403 Hispanic/Latino  
## 404 Hispanic/Latino  
## 405 Black  
## 406 Hispanic/Latino  
## 407 White  
## 408 White  
## 409 Unknown  
## 410 White  
## 411 Hispanic/Latino  
## 412 White  
## 413 Black  
## 414 White  
## 415 White  
## 416 Asian/Pacific Islander  
## 417 White  
## 418 Asian/Pacific Islander  
## 419 Black  
## 420 White  
## 421 White  
## 422 White  
## 423 White  
## 424 White  
## 425 White  
## 426 Black  
## 427 Black  
## 428 Black  
## 429 Black  
## 430 Black  
## 431 Black  
## 432 Black  
## 433 Black  
## 434 Black  
## 435 White  
## 436 Asian/Pacific Islander  
## 437 Black  
## 438 White  
## 439 Unknown  
## 440 White  
## 441 White  
## 442 Black  
## 443 White  
## 444 Black  
## 445 White  
## 446 White  
## 447 White  
## 448 White  
## 449 Black  
## 450 White  
## 451 Unknown  
## 452 Unknown  
## 453 White  
## 454 Hispanic/Latino  
## 455 Hispanic/Latino  
## 456 White  
## 457 Black  
## 458 Black  
## 459 White  
## 460 Hispanic/Latino  
## 461 White  
## 462 Unknown  
## 463 Black  
## 464 Native American  
## 465 White  
## 466 Black  
## 467 Unknown

#lets rename the selected data set as newneed   
newneed<-select(need,name,age,gender,raceethnicity)  
head(newneed,2)

## name age gender raceethnicity  
## 1 A'donte Washington 16 Male Black  
## 2 Aaron Rutledge 27 Male White

# lets group data by state   
group\_by(need,state)

## # A tibble: 467 × 34  
## # Groups: state [47]  
## name age gender raceethnicity month day year streetaddress city state  
## <chr> <chr> <chr> <chr> <chr> <int> <int> <chr> <chr> <chr>  
## 1 A'don… 16 Male Black Febr… 23 2015 Clearview Ln Mill… AL   
## 2 Aaron… 27 Male White April 2 2015 300 block Ir… Pine… LA   
## 3 Aaron… 26 Male White March 14 2015 22nd Ave and… Keno… WI   
## 4 Aaron… 25 Male Hispanic/Lat… March 11 2015 3000 Seminol… Sout… CA   
## 5 Adam … 29 Male White March 19 2015 364 Hiwood A… Munr… OH   
## 6 Adam … 29 Male White March 7 2015 18th St and … Phoe… AZ   
## 7 Adria… 22 Male Hispanic/Lat… March 27 2015 4000 Union A… Bake… CA   
## 8 Adria… 35 Male Hispanic/Lat… March 26 2015 1500 Bayview… Wilm… CA   
## 9 Alan … 44 Male White Janu… 28 2015 Pickett Runn… Suns… TX   
## 10 Alan … 31 Male White Febr… 7 2015 200 Abbie St… Wyom… MI   
## # … with 457 more rows, and 24 more variables: latitude <dbl>, longitude <dbl>,  
## # state\_fp <int>, county\_fp <int>, tract\_ce <int>, geo\_id <dbl>,  
## # county\_id <int>, namelsad <chr>, lawenforcementagency <chr>, cause <chr>,  
## # armed <chr>, pop <int>, share\_white <chr>, share\_black <chr>,  
## # share\_hispanic <chr>, p\_income <chr>, h\_income <int>, county\_income <int>,  
## # comp\_income <dbl>, county\_bucket <int>, nat\_bucket <int>, pov <chr>,  
## # urate <dbl>, college <dbl>

text\_tbl <- data.frame(  
Names = c("h\_income","county\_id"),   
Description = c("house hold income", "county identity"))  
text\_tbl

## Names Description  
## 1 h\_income house hold income  
## 2 county\_id county identity

data\_pick3 <- select(need, county\_bucket, county\_id, armed)  
  
Summarytable<-summary(data\_pick3)  
  
Summarytable

## county\_bucket county\_id armed   
## Min. :1.000 Min. : 1003 Length:467   
## 1st Qu.:1.000 1st Qu.: 8022 Class :character   
## Median :2.000 Median :24033 Mode :character   
## Mean :2.498 Mean :25434   
## 3rd Qu.:4.000 3rd Qu.:40112   
## Max. :5.000 Max. :56005   
## NA's :27

text\_tbl <- data.frame(  
Names = c("h\_income","county\_id"),  
Description = c("house hold income", "county identity"))  
text\_tbl

## Names Description  
## 1 h\_income house hold income  
## 2 county\_id county identity

knitr::kable(text\_tbl, "pipe")

| Names | Description |
| --- | --- |
| h\_income | house hold income |
| county\_id | county identity |