

Wesley Addo

Question 1.2

Dataset: Deaths In Custody

Number of Observations: 8,373

Number of Variables: 18

Regulated Domain in Law: N/A

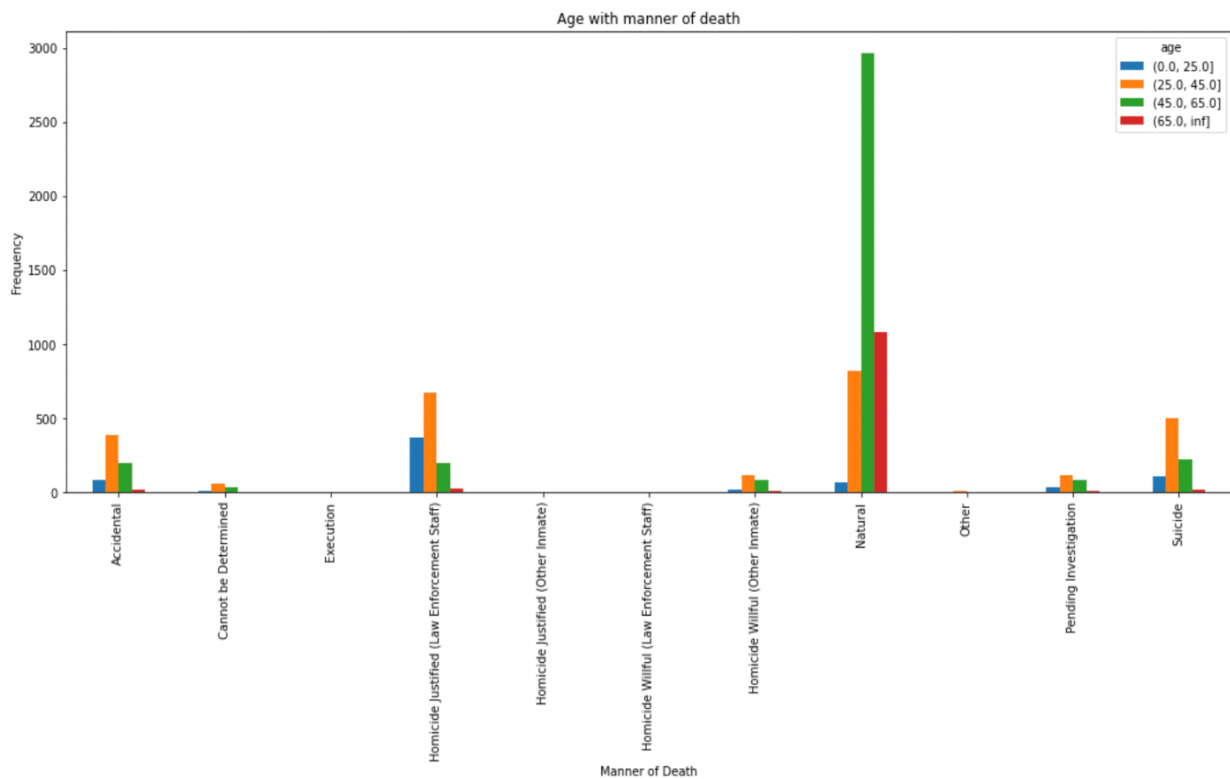
Number of Protected Class Variables: 3

	Protected Class	Law
race	Race	Civil Rights Act of 1964, 1991
gender	Sex	Equal Pay Act of 1963; Civil Rights Act of 1964, 1991
age	Age	Age Discrimination in Employment Act of 1967

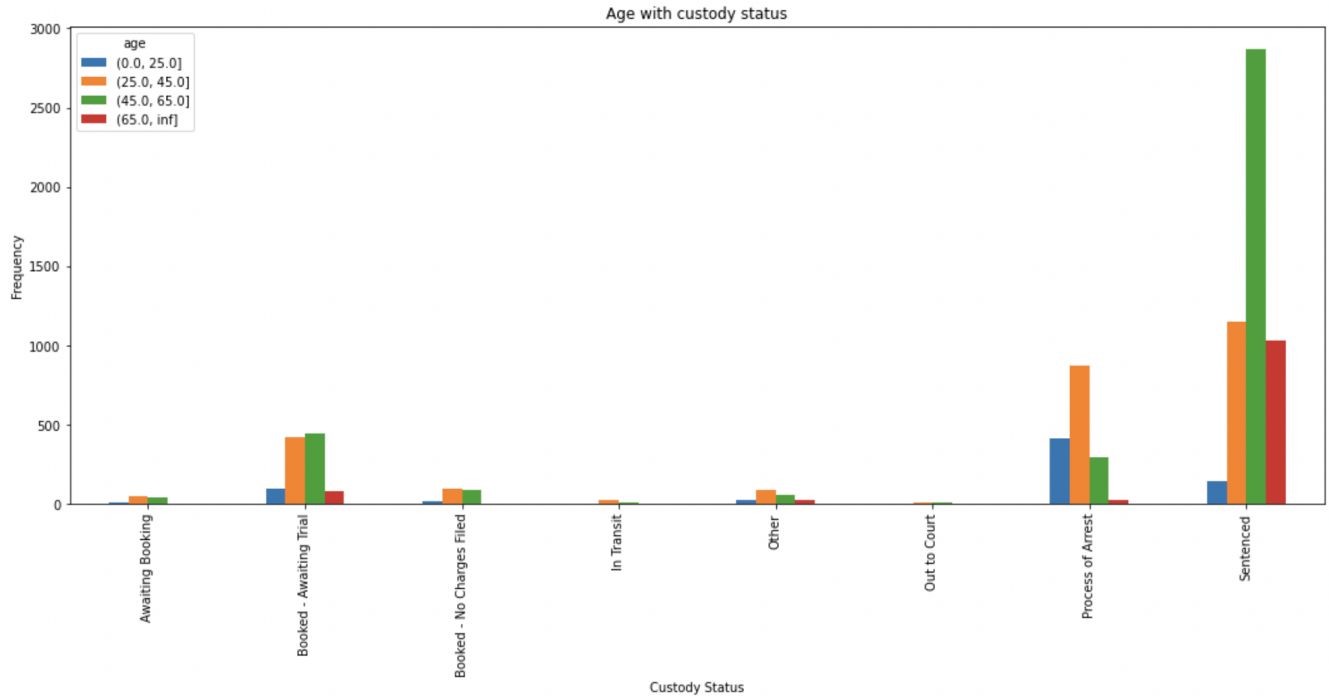
Question 3

Independent Variable - Age	Dependent Variable - Manner of Death (Frequency)
Age - [0-25]	Frequency of Accidental: 82 Frequency of Cannot be Determined: 13 Frequency of Execution: 0 Frequency of Homicide Justified (Law Enforcement Staff): 371 Frequency of Homicide Justified (Other Inmate): 0 Frequency of Homicide Willful (Law Enforcement Staff): 1 Frequency of Homicide Willful (Other Inmate): 18 Frequency of Natural: 66 Frequency of Other: 6 Frequency of Pending Investigation: 33 Frequency of Suicide: 113
Age - [25-45]	Frequency of Accidental: 386 Frequency of Cannot be Determined: 61 Frequency of Execution: 0 Frequency of Homicide Justified (Law Enforcement Staff): 674 Frequency of Homicide Justified (Other Inmate): 3 Frequency of Homicide Willful (Law Enforcement Staff): 3 Frequency of Homicide Willful (Other Inmate): 115 Frequency of Natural: 823 Frequency of Other: 15 Frequency of Pending Investigation: 117 Frequency of Suicide: 502

Age - [45-65]	Frequency of Accidental: 198 Frequency of Cannot be Determined: 37 Frequency of Execution: 1 Frequency of Homicide Justified (Law Enforcement Staff): 199 Frequency of Homicide Justified (Other Inmate): 0 Frequency of Homicide Willful (Law Enforcement Staff): 0 Frequency of Homicide Willful (Other Inmate): 84 Frequency of Natural: 2966 Frequency of Other: 6 Frequency of Pending Investigation: 85 Frequency of Suicide: 224
Age - [65+]	Frequency of Accidental: 17 Frequency of Cannot be Determined: 4 Frequency of Execution: 0 Frequency of Homicide Justified (Law Enforcement Staff): 24 Frequency of Homicide Justified (Other Inmate): 0 Frequency of Homicide Willful (Law Enforcement Staff): 0 Frequency of Homicide Willful (Other Inmate): 12 Frequency of Natural: 1080 Frequency of Other: 1 Frequency of Pending Investigation: 15 Frequency of Suicide: 17

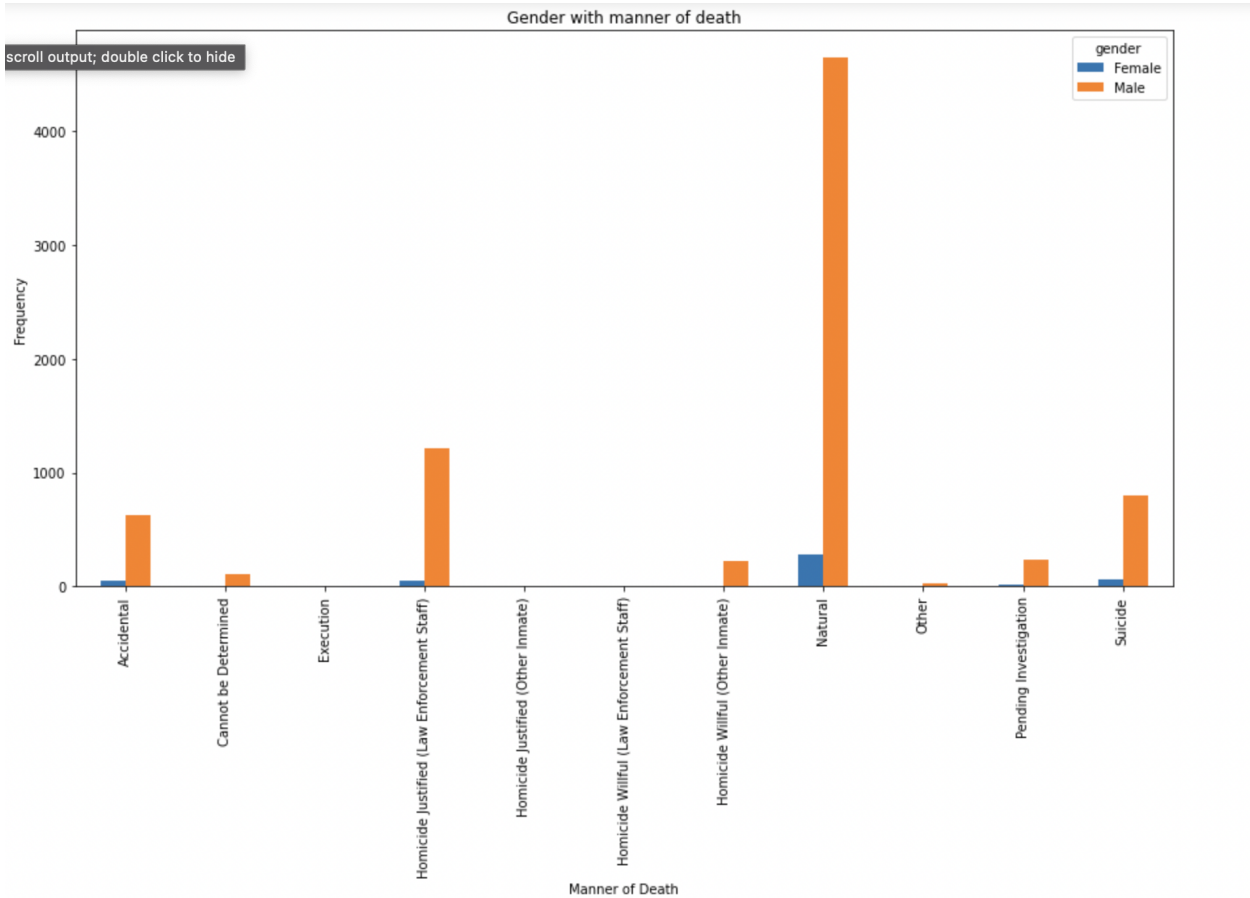


Independent Variable - Age	Dependent Variable - Custody Status (Frequency)
Age - [0-25]	Frequency of Awaiting Booking: 8 Frequency of Booked - Awaiting Trial: 92 Frequency of Booked - No Charges Filed: 18 Frequency of In Transit: 4 Frequency of Other: 27 Frequency of Out of Court: 2 Frequency of Process of Arrest: 412 Frequency of Sentenced: 140
Age - [25-45]	Frequency of Awaiting Booking: 44 Frequency of Booked - Awaiting Trial: 421 Frequency of Booked - No Charges Filed: 96 Frequency of In Transit: 22 Frequency of Other: 86 Frequency of Out of Court: 5 Frequency of Process of Arrest: 872 Frequency of Sentenced: 1153
Age - [45-65]	Frequency of Awaiting Booking: 42 Frequency of Booked - Awaiting Trial: 441 Frequency of Booked - No Charges Filed: 85 Frequency of In Transit: 5 Frequency of Other: 58 Frequency of Out of Court: 6 Frequency of Process of Arrest: 291 Frequency of Sentenced: 2872
Age - [65+]	Frequency of Awaiting Booking: 3 Frequency of Booked - Awaiting Trial: 77 Frequency of Booked - No Charges Filed: 4 Frequency of In Transit: 2 Frequency of Other: 27 Frequency of Out of Court: 1 Frequency of Process of Arrest: 26 Frequency of Sentenced: 1030



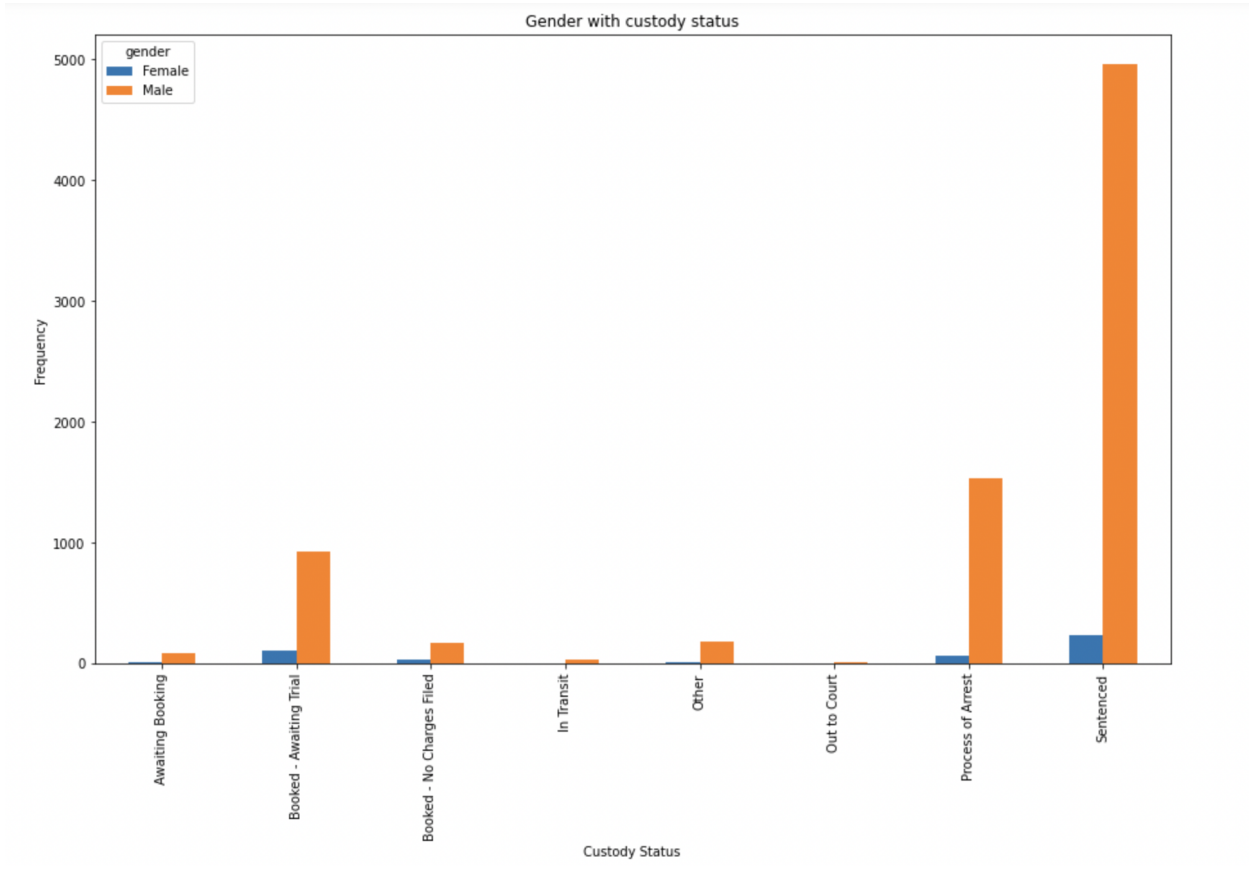
Independent Variable - Gender	Dependent Variable - Manner of Death (Frequency)
Female	Frequency of Accidental: 55 Frequency of Cannot be Determined: 9 Frequency of Execution: 0 Frequency of Homicide Justified (Law Enforcement Staff): 49 Frequency of Homicide Justified (Other Inmate): 0 Frequency of Homicide Willful (Law Enforcement Staff): 0 Frequency of Homicide Willful (Other Inmate): 3 Frequency of Natural: 281 Frequency of Other: 0 Frequency of Pending Investigation: 16 Frequency of Suicide: 58
Male	Frequency of Accidental: 628 Frequency of Cannot be Determined: 106 Frequency of Execution: 1 Frequency of Homicide Justified (Law Enforcement Staff): 1220 Frequency of Homicide Justified (Other Inmate): 3 Frequency of Homicide Willful (Law Enforcement Staff): 4 Frequency of Homicide Willful (Other Inmate): 226 Frequency of Natural: 4654 Frequency of Other: 28 Frequency of Pending Investigation: 234

	Frequency of Suicide: 798
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Independent Variable - Gender	Dependent Variable - Custody Status (Frequency)
Female	Frequency of Awaiting Booking: 15 Frequency of Booked - Awaiting Trial: 106 Frequency of Booked - No Charges Filed: 32 Frequency of In Transit: 2 Frequency of Other: 14 Frequency of Out of Court: 1 Frequency of Process of Arrest: 67 Frequency of Sentenced: 234
Male	Frequency of Awaiting Booking: 82 Frequency of Booked - Awaiting Trial: 925 Frequency of Booked - No Charges Filed: 171 Frequency of In Transit: 31

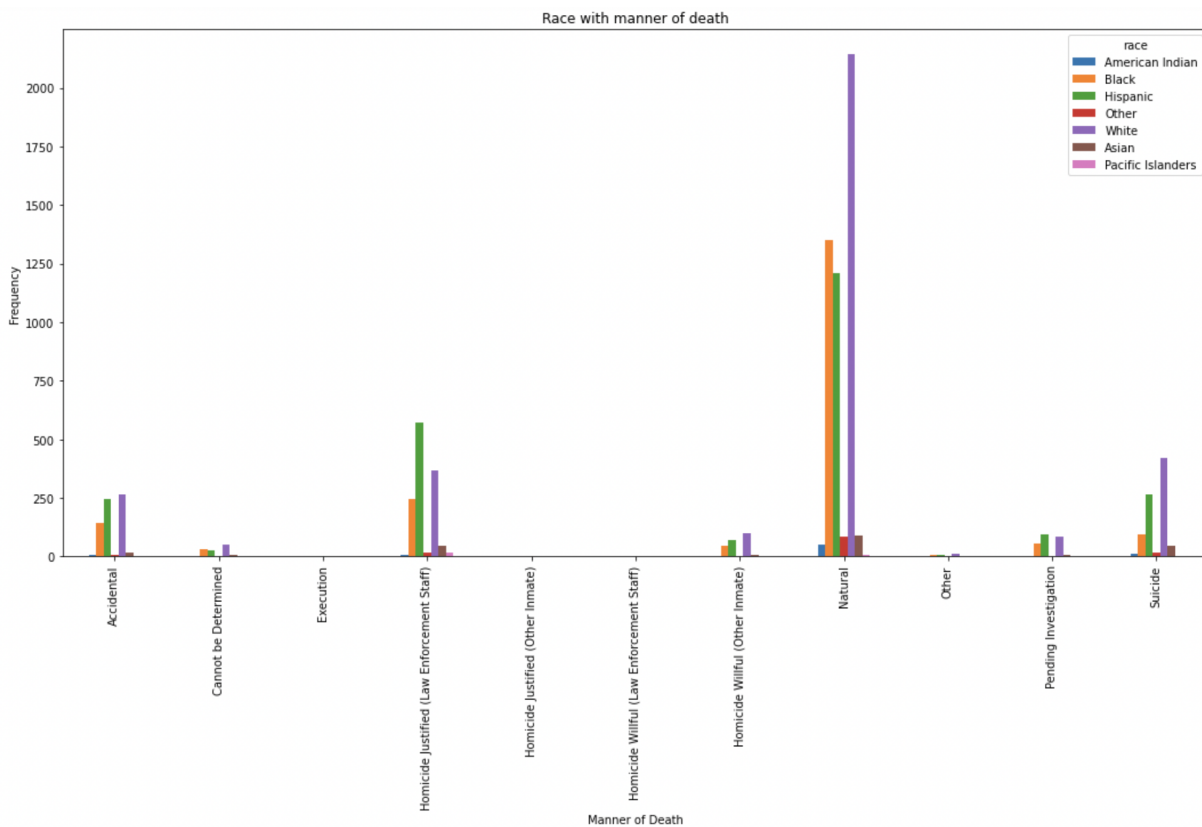
	Frequency of Other: 184 Frequency of Out of Court: 13 Frequency of Process of Arrest: 1535 Frequency of Sentenced: 4961
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Independent Variable - Race	Dependent Variable - Manner of Death (Frequency)
American Indian	Frequency of Accidental: 6 Frequency of Cannot be Determined: 0 Frequency of Execution: 0 Frequency of Homicide Justified (Law Enforcement Staff): 6 Frequency of Homicide Justified (Other Inmate): 0 Frequency of Homicide Willful (Law Enforcement Staff): 0 Frequency of Homicide Willful (Other Inmate): 3 Frequency of Natural: 50 Frequency of Other: 0 Frequency of Pending Investigation: 3 Frequency of Suicide: 12

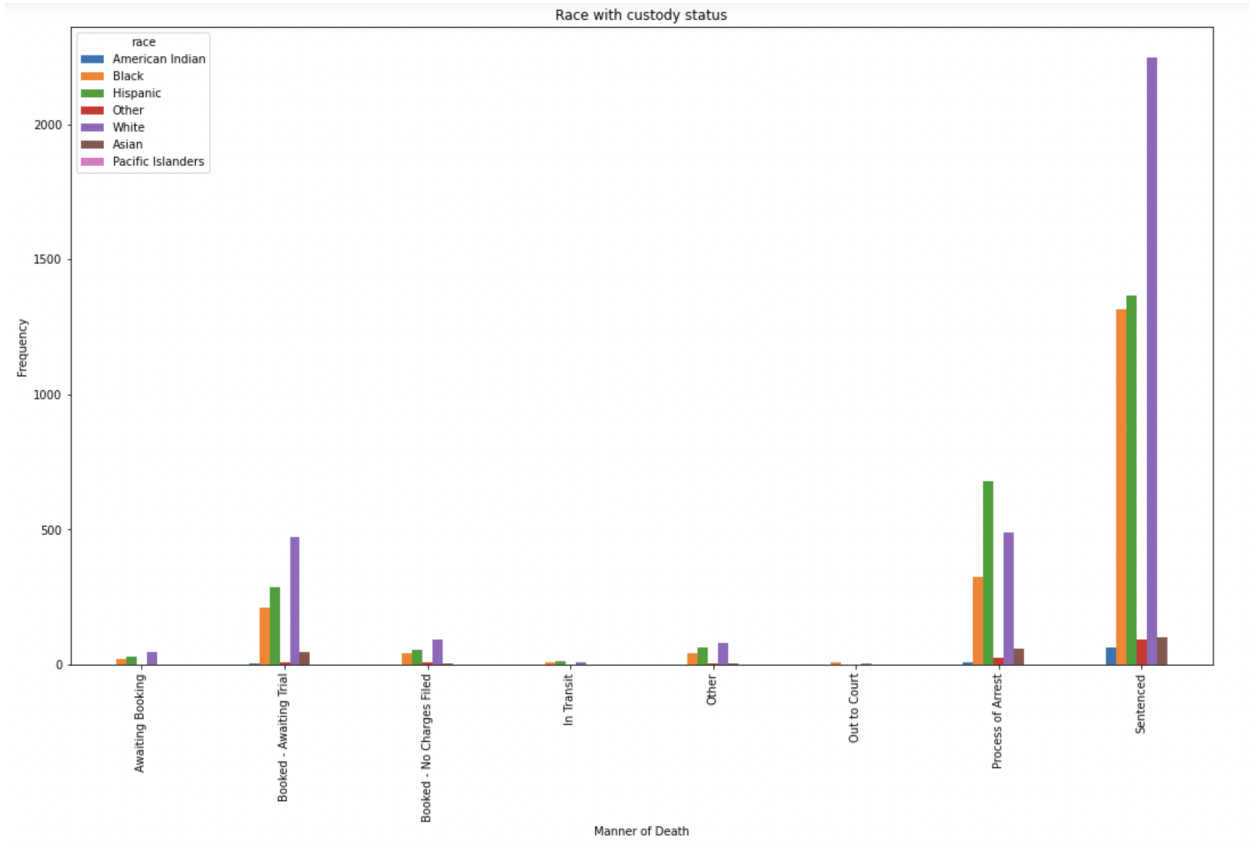
Black	Frequency of Accidental: 142 Frequency of Cannot be Determined: 29 Frequency of Execution: 0 Frequency of Homicide Justified (Law Enforcement Staff): 247 Frequency of Homicide Justified (Other Inmate): 1 Frequency of Homicide Willful (Law Enforcement Staff): 1 Frequency of Homicide Willful (Other Inmate): 45 Frequency of Natural: 1348 Frequency of Other: 9 Frequency of Pending Investigation: 56 Frequency of Suicide: 94
Hispanic	Frequency of Accidental: 247 Frequency of Cannot be Determined: 26 Frequency of Execution: 0 Frequency of Homicide Justified (Law Enforcement Staff): 573 Frequency of Homicide Justified (Other Inmate): 2 Frequency of Homicide Willful (Law Enforcement Staff): 0 Frequency of Homicide Willful (Other Inmate): 71 Frequency of Natural: 1211 Frequency of Other: 7 Frequency of Pending Investigation: 94 Frequency of Suicide: 263
Other	Frequency of Accidental: 7 Frequency of Cannot be Determined: 2 Frequency of Execution: 0 Frequency of Homicide Justified (Law Enforcement Staff): 15 Frequency of Homicide Justified (Other Inmate): 0 Frequency of Homicide Willful (Law Enforcement Staff): 0 Frequency of Homicide Willful (Other Inmate): 4 Frequency of Natural: 87 Frequency of Other: 0 Frequency of Pending Investigation: 3 Frequency of Suicide: 19
White	Frequency of Accidental: 265 Frequency of Cannot be Determined: 52 Frequency of Execution: 1 Frequency of Homicide Justified (Law Enforcement Staff): 368 Frequency of Homicide Justified (Other Inmate): 0 Frequency of Homicide Willful (Law Enforcement Staff): 3 Frequency of Homicide Willful (Other Inmate): 97 Frequency of Natural: 2142 Frequency of Other: 10 Frequency of Pending Investigation: 83 Frequency of Suicide: 419
Asian	Frequency of Accidental: 15 Frequency of Cannot be Determined: 5

	Frequency of Execution: 0 Frequency of Homicide Justified (Law Enforcement Staff): 44 Frequency of Homicide Justified (Other Inmate): 0 Frequency of Homicide Willful (Law Enforcement Staff): 0 Frequency of Homicide Willful (Other Inmate): 9 Frequency of Natural: 90 Frequency of Other: 1 Frequency of Pending Investigation: 9 Frequency of Suicide: 46
Pacific Islanders	Frequency of Accidental: 1 Frequency of Cannot be Determined: 1 Frequency of Execution: 0 Frequency of Homicide Justified (Law Enforcement Staff): 16 Frequency of Homicide Justified (Other Inmate): 0 Frequency of Homicide Willful (Law Enforcement Staff): 0 Frequency of Homicide Willful (Other Inmate): 0 Frequency of Natural: 7 Frequency of Other: 1 Frequency of Pending Investigation: 2 Frequency of Suicide: 3



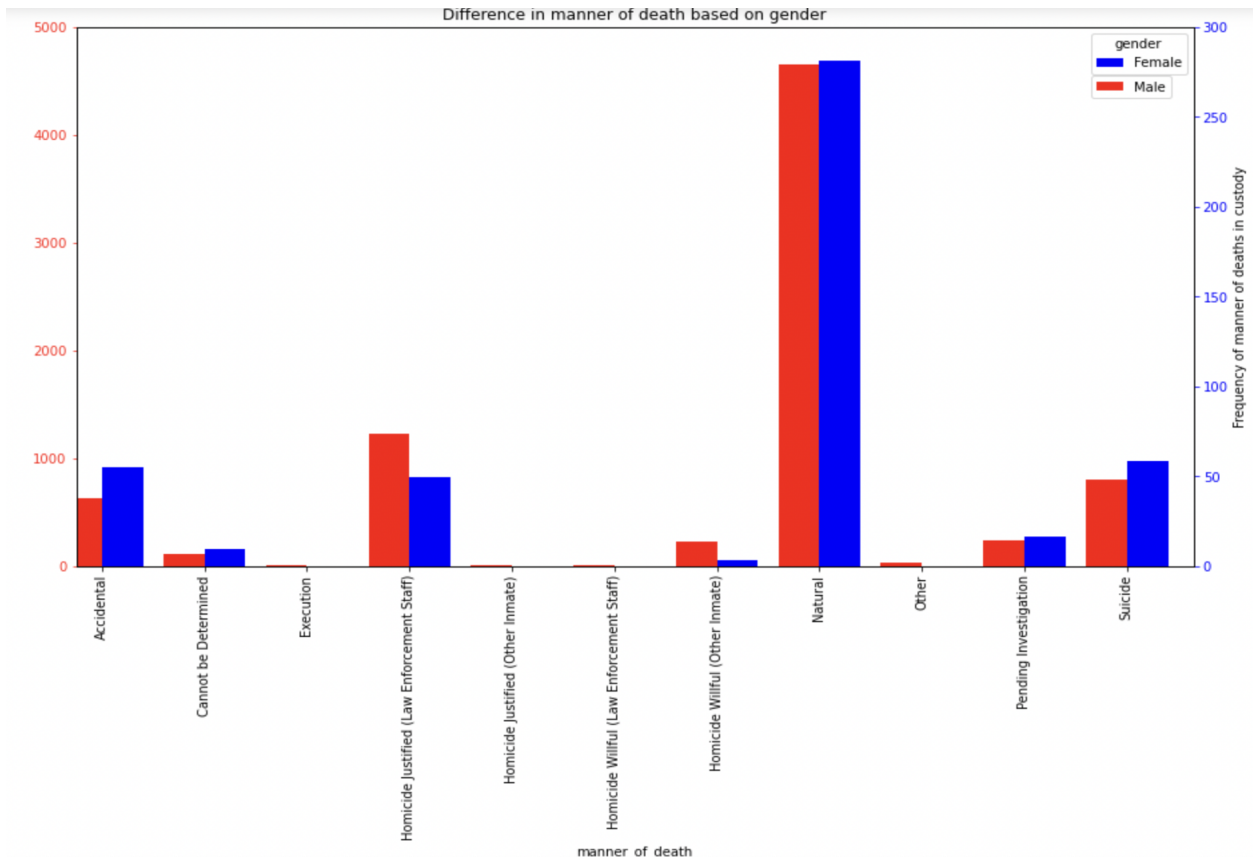
Independent Variable - Race	Dependent Variable - Custody Status (Frequency)
American Indian	Frequency of Awaiting Booking: 0 Frequency of Booked - Awaiting Trial: 6 Frequency of Booked - No Charges Filed: 2 Frequency of In Transit: 0 Frequency of Other: 0 Frequency of Out of Court: 1 Frequency of Process of Arrest: 9 Frequency of Sentenced: 62
Black	Frequency of Awaiting Booking: 20 Frequency of Booked - Awaiting Trial: 211 Frequency of Booked - No Charges Filed: 43 Frequency of In Transit: 10 Frequency of Other: 42 Frequency of Out of Court: 7 Frequency of Process of Arrest: 323 Frequency of Sentenced: 1316
Hispanic	Frequency of Awaiting Booking: 31 Frequency of Booked - Awaiting Trial: 286 Frequency of Booked - No Charges Filed: 54 Frequency of In Transit: 13 Frequency of Other: 65 Frequency of Out of Court: 1 Frequency of Process of Arrest: 679 Frequency of Sentenced: 1365
Other	Frequency of Awaiting Booking: 0 Frequency of Booked - Awaiting Trial: 9 Frequency of Booked - No Charges Filed: 7 Frequency of In Transit: 1 Frequency of Other: 4 Frequency of Out of Court: 1 Frequency of Process of Arrest: 24 Frequency of Sentenced: 91
Asian	Frequency of Awaiting Booking: 1 Frequency of Booked - Awaiting Trial: 46 Frequency of Booked - No Charges Filed: 5 Frequency of In Transit: 0 Frequency of Other: 6 Frequency of Out of Court: 0 Frequency of Process of Arrest: 58 Frequency of Sentenced: 103
Pacific Islanders	Frequency of Awaiting Booking: 0 Frequency of Booked - Awaiting Trial: 2

	Frequency of Booked - No Charges Filed: 0 Frequency of In Transit: 0 Frequency of Other: 2 Frequency of Out of Court: 0 Frequency of Process of Arrest: 18 Frequency of Sentenced: 9
White	Frequency of Awaiting Booking: 45 Frequency of Booked - Awaiting Trial: 471 Frequency of Booked - No Charges Filed: 92 Frequency of In Transit: 9 Frequency of Other: 79 Frequency of Out of Court: 4 Frequency of Process of Arrest: 491 Frequency of Sentenced: 2249

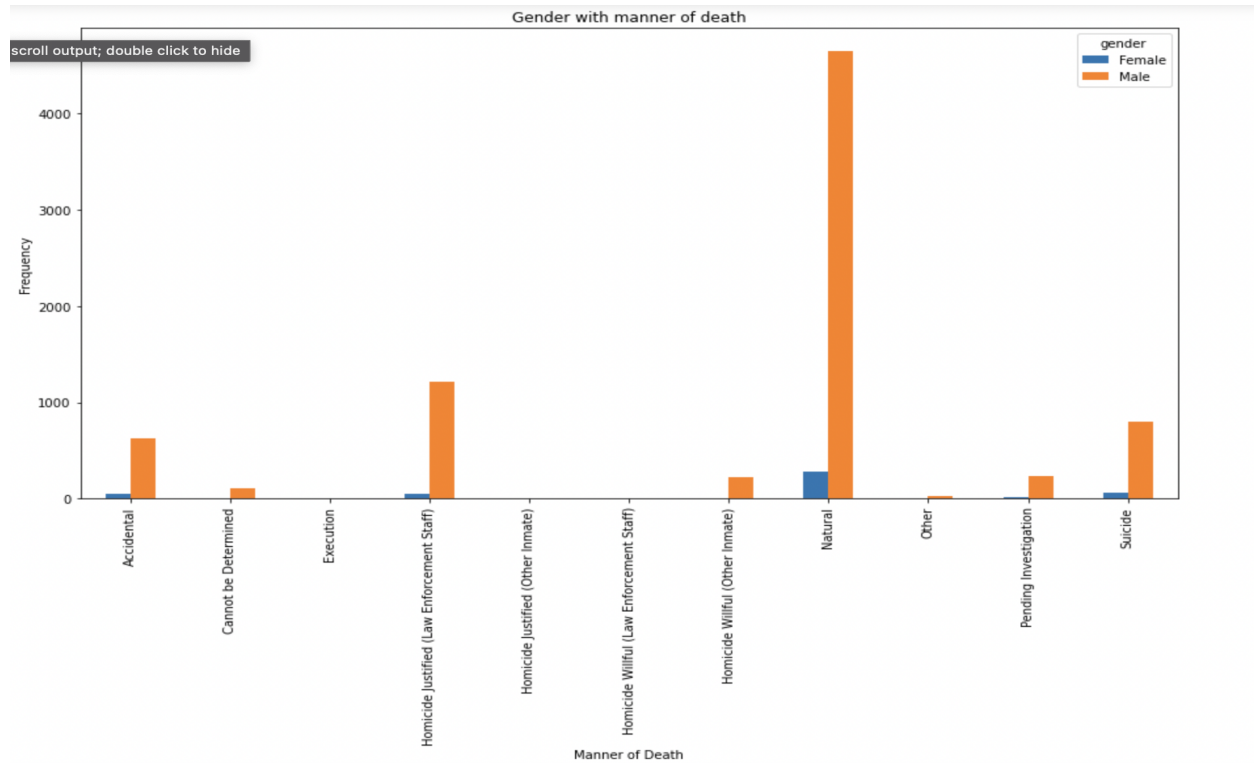


Question 4

Fair hypothesis: As is evident, the manner in which people die in police custody is not dependent on gender. [Manipulations: Used bar graphs with 2 different scales for both genders (red on left = male, blue on right = female)]



Fair hypothesis: As seen from this graph, the frequency in the manner in which people die in police custody is dependent on gender. [No manipulations were necessary as the data already supports this suggestion. Used bar graph]



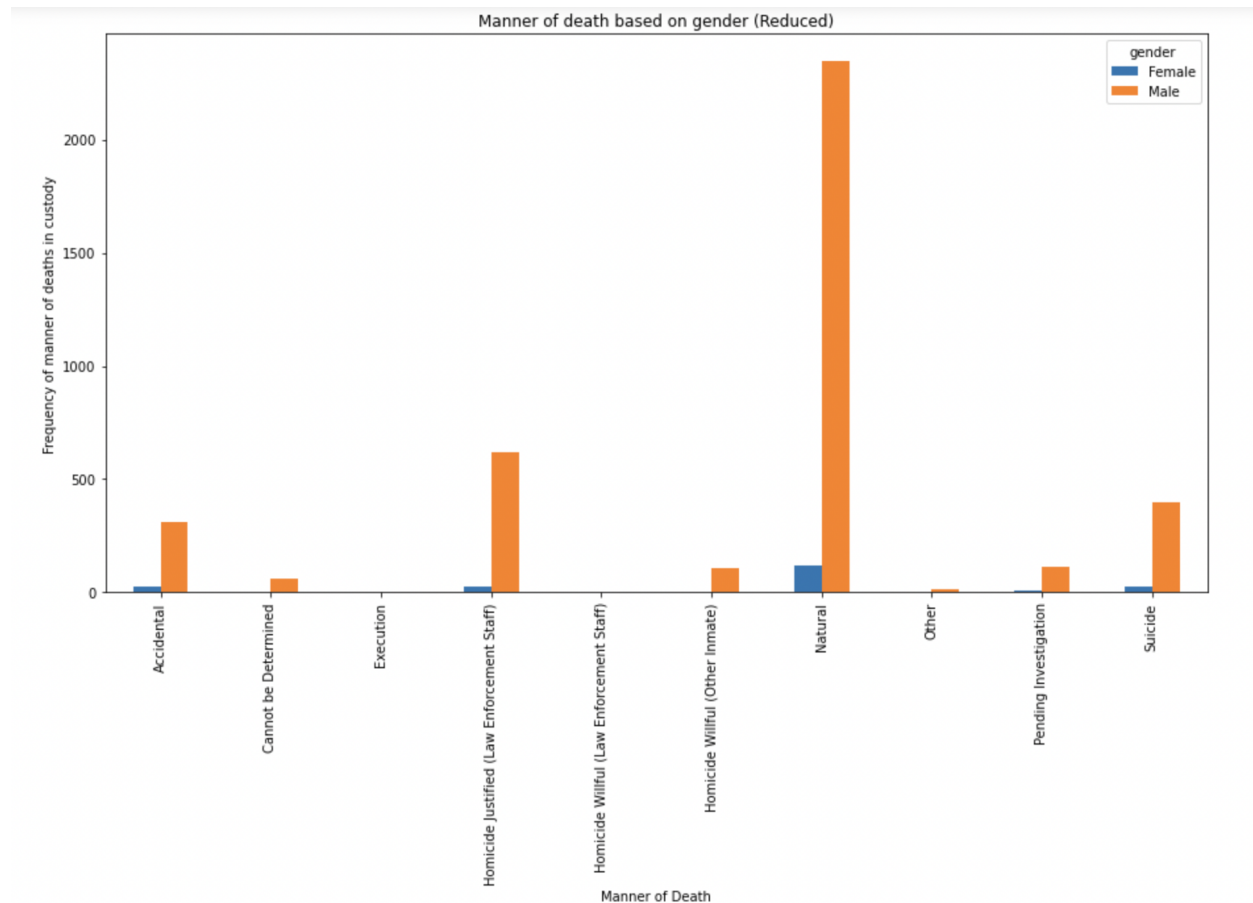
Question 5

Protected Class Variable (Gender)	Mean	Median	Mode
Original Dataset	1 (Male)	1 (Male)	1 (Male)
Reduced Dataset	1 (Male)	1 (Male)	1 (Male)
Difference	No difference	No difference	No difference

Question 6

Independent Variable - Gender	Dependent Variable - Manner of Death (Frequency)
Female	Frequency of Accidental: 21 Frequency of Cannot be Determined: 3 Frequency of Execution: 0 Frequency of Homicide Justified (Law Enforcement Staff): 24 Frequency of Homicide Justified (Other Inmate): 0 Frequency of Homicide Willful (Law Enforcement Staff): 0

	Frequency of Homicide Willful (Other Inmate): 2 Frequency of Natural: 134 Frequency of Other: 0 Frequency of Pending Investigation: 7 Frequency of Suicide: 33
Male	Frequency of Accidental: 327 Frequency of Cannot be Determined: 46 Frequency of Execution: 1 Frequency of Homicide Justified (Law Enforcement Staff): 610 Frequency of Homicide Justified (Other Inmate): 2 Frequency of Homicide Willful (Law Enforcement Staff): 3 Frequency of Homicide Willful (Other Inmate): 110 Frequency of Natural: 2337 Frequency of Other: 16 Frequency of Pending Investigation: 113 Frequency of Suicide: 396



Apart from smaller numbers across both genders, there does not seem to be any difference. Based on the data from this experiment, if the random sampling method was used, members of the protected class would neither benefit or be harmed as it would still represent the population.