Probability Statistics

Section: GI Assignment #1. 211-0669

01.

Sample Size (11)= 2+1+0+6+6+9 24 x 6= [144].

Dataset is from leagule: laughe.com/datesets/thedevestator it represents the life expectory of individuals in the United States based on their alcohol consumption:

50 62 19 68 11 14 60 60 17 69 66 63 16 59 64 21 53 47 75 18 19 79 69 23 61 27 28 30 53 50 62 66 10 58 61 69 75 56 77 51 63 17 64 71 18 66 48 22 16 69 15 16 18 61 18 20 76 68 19 72 18 78 21 18 17 64 70 63 86 66 80 25 59 72 25 67 17 17 14 66 18 22 59 21 65 19 52 73 80 65 21 16 18 57 24 20 46 64 78 78 39 68 65 15 15 86 82 52 77 17 15 74 17 64 59 17 16 69 20 62 19 23 79 68 41 20 57 62 54 72 75 19 65 17 15 51 65 16 83 54 23 17

Rangez 83-14=69. CICSS Width 269/6. 2 11.5 Hum (195542 6)

nound UP.

class widthe [2]

| Class Limits | ClassBoundaries | 7 | raport | rf. | C.F | CNF |
|--------------|-----------------|----|--------|------|-----|------|
| 23-35 | 9.5 -22.5 | 46 | 16 | 0.31 | 46 | 0.31 |
| 36 - 48 | 2.26 - 7.55 | 8 | 29 | 20.0 | 54 | 0.37 |
| | 35.5 - 48.5 | 5 | 42 | 0.03 | 29 | 0.40 |
| Acd - 61 | 48.5 - 61.5 | 22 | 22 | 0.15 | 81 | ای.ن |
| 65-54 | 61.5 - 74.5 | 45 | 68 | 0.31 | 126 | 6.87 |
| 75-87 | 74.5- 87.5 | 18 | 81 | 0.12 | 144 | \ |
| | | | | | | |

| C.F | >C.F |
|-------|------|
| 46 | 144 |
| 54 | 98 |
| 59 | 9,6 |
| 81 | 85 |
| 126 | 63 |
| الالم | 18 |
| | |
| | |

| OL. | \$ | 3 | % | X | X | > | 8 | X | 8 | 6 |
|-----|----------|-----|----|----------|---|---|---|---|---|---|
| | ,8 | X | X | 9 | X | K | × | 9 | 8 | X |
| | * | 0/2 | \$ | X | X | X | X | X | X | X |
| | 6 | χ | 14 | 9 | ××××××××××××××××××××××××××××××××××××××× | 9 | 3 | X | X | K |
| | K | * | × | <u>k</u> | % % X | 8 | X | X | X | 8 |
| | | | | | 10 | | 8 | A | X | X |

| Values | 0 | 1 | 2 | 3 | ٩ | 5 | 6 | ٦ | 8 | 9 |
|----------|---|---|---|---|---|---|---|---|---|---|
| Erequery | 5 | 6 | 9 | 6 | 8 | ٩ | 8 | 3 | 3 | 3 |