

Run 1 : all continuous data dicretized into 3 equal bins

Missing Value Strategy : Drop the rows with Missing Values

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ACCURACY OF 10 FOLD EVALUATION OF NB (Categorical) IS:

mean : 81.1065522594

Standard Dev: 0.475812491636

Standard Error: (0.150465121273+0j)

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ACCURACY OF 10 FOLD EVALUATION OF NB (Guassian) IS:

mean : 82.5814919333

Standard Dev: 0.330823260493

Standard Error: (0.104615500612+0j)

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Missing Value Strategy : Replace continuous Variable with mean/median and categorical with mode

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ACCURACY OF 10 FOLD EVALUATION OF NB (Categorical) IS:

mean : 81.6571903158

Standard Dev: 0.539777208095

Standard Error: (0.170692540663+0j)

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ACCURACY OF 10 FOLD EVALUATION OF NB (Guassian) IS:

mean : 83.262360248

Standard Dev: 0.332714907574

Standard Error: (0.105213691943+0j)

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Run 2 : all continuous data dicretized into 6 equal bins

Missing Value Strategy : Drop the rows with Missing Values

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ACCURACY OF 10 FOLD EVALUATION OF NB (Categorical) IS:

mean : 80.294992824
Standard Dev: 0.508409183275
Standard Error: (0.160773100249+0j)

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ACCURACY OF 10 FOLD EVALUATION OF NB (Guassian) IS:

mean : 82.5814919333
Standard Dev: 0.330823260493
Standard Error: (0.104615500612+0j)

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Missing Value Strategy : Replace continuous Variable with mean/median and categorical with mode

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ACCURACY OF 10 FOLD EVALUATION OF NB (Categorical) IS:

mean : 80.9262555568
Standard Dev: 0.644717660926
Standard Error: (0.203877625626+0j)

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ACCURACY OF 10 FOLD EVALUATION OF NB (Guassian) IS:

mean : 83.262360248
Standard Dev: 0.332714907574
Standard Error: (0.105213691943+0j)

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Run 3 : continuous data dicretized into Custom bin sized based on data visualized

Missing Value Strategy : Drop the rows with Missing Values

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ACCURACY OF 10 FOLD EVALUATION OF NB (Categorical) IS:

mean : 81.5421713561

Standard Dev: 0.497186119891

Standard Error: (0.157224055988+0j)

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ACCURACY OF 10 FOLD EVALUATION OF NB (Guassian) IS:

mean : 82.5814919333

Standard Dev: 0.330823260493

Standard Error: (0.104615500612+0j)

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Missing Value Strategy : Replace continuous Variable with mean/median and categorical with mode

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ACCURACY OF 10 FOLD EVALUATION OF NB (Categorical) IS:

mean : 81.9950051009

Standard Dev: 0.508657113322

Standard Error: (0.160851502614+0j)

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ACCURACY OF 10 FOLD EVALUATION OF NB (Guassian) IS:

mean : 83.262360248

Standard Dev: 0.332714907574

Standard Error: (0.105213691943+0j)

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