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| Please respond to the following discussion question.  You are given the following data. | | | |
| **Student Number** | **Age** | **Income/ thousands** | **Hours Studying /Per Week** | **Final Grade** | **Gender** |
| 1 | 46 | 37 | 6 | 70 | M |
| 2 | 53 | 46 | 19 | 92 | F |
| 3 | 34 | 25 | 20 | 95 | M |
| 4 | 37 | 27 | 5 | 73 | M |
| 5 | 39 | 29 | 4 | 65 | F |
| 6 | 40 | 35 | 12 | 85 | F |
| 7 | 25 | 33 | 15 | 89 | F |
| 8 | 60 | 50 | 22 | 70 | F |
| 9 | 35 | 45 | 17 | 89 | M |
| 10 | 38 | 38 | 19 | 94 | F |
| 11 | 36 | 45 | 16 | 78 | M |
| 12 | 27 | 27 | 13 | 80 | M |
| 13 | 26 | 25 | 15 | 91 | F |
| 14 | 34 | 39 | 18 | 93 | M |
| 15 | 26 | 43 | 14 | 69 | F |
| 16 | 28 | 45 | 12 | 86 | M |
| 17 | 39 | 50 | 10 | 67 | M |
| 18 | 38 | 22 | 8 | 69 | F |
| 19 | 36 | 25 | 5 | 70 | F |
| 20 | 43 | 26 | 6 | 69 | F |
| Calculate the Mean, Mode, Median, Variance and Standard Deviation for each column.  What conclusions, if any, can you draw from the data given.    Show the data in graphical form, i.e. Histogram, Scattergrams, bar charts, | | | | | |