Here is another tabulation of the Means, Standard Deviations, etc., for Ms. Jones’ data.

***How would you interpret these data?***

Table 2: Means, Standard Deviations and Other Statistics

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| VARIABLE | MEAN | STD. DEV | MODE | MIN | MAX |
| Age | 37.5 | 18 | 38 | 20 | 64 |
| # of Years Married | 12.1 | 24 | 15 | 0 | 32 |
| Stress | 3.7 | 1.79 | 3 | 1 | 5 |
| Job Involvement | 3.9 | 1.63 | 4 | 2 | 5 |
| Performance | 3.6 | 0.86 | 3 | 3 | 5 |

From the same research done by Ms. Jones, the following inter-correlation matrix is shown. ***Interpret these results.***

Table 3: Pearson Correlations

|  |  |  |  |  |  |
| --- | --- | --- | --- | --- | --- |
| Variable | Age | # of yrs. Married | Stress | Job Involvement | Performance |
| Age | 1.0 |  |  |  |  |
| # of yrs. married | .86 | 1.0 |  |  |  |
| Stress | −.43 | −.61 | 1.0 |  |  |
| Job Involvement | .53 | .32 | .58 | 1.0 |  |
| Performance | .09 | −.06 | .49 | .36 | 1.0 |

a. All correlations above .30 are significant, at least at the .05 level.

b. All correlations above .50 are significant, at least at the .01 level.