Table 1: Correlation between Variables

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| Var1 | Var2 | Value | High Correlation |
| Balling Lvl | Balling | 0.9782085 | \* |
| Balling | Density | 0.9551535 | \* |
| Bowl Setpoint | Filler Level | 0.9499345 | \* |
| Balling Lvl | Density | 0.9479189 | \* |
| MFR | Filler Speed | 0.9479115 | \* |
| Balling Lvl | Alch Rel | 0.9274995 | \* |
| Hyd Pressure3 | Hyd Pressure2 | 0.9248821 | \* |
| Alch Rel | Balling | 0.9244934 | \* |
| Alch Rel | Density | 0.9027378 | \* |
| Balling Lvl | Carb Rel | 0.8843844 |  |
| Carb Rel | Carb Rel | 0.8435578 |  |
| Carb Rel | Balling | 0.8415449 |  |
| Carb Rel | Density | 0.8224442 |  |
| Carb Temp | Carb Volume | 0.8171417 |  |
| Carb Rel | Carb Volume | 0.793304 |  |
| Balling Lvl | Carb Volume | 0.7827037 |  |
| Alch Rel | Carb Volume | 0.780748 |  |
| Density | Carb Volume | 0.7616051 |  |
| Hyd Pressure3 | Carb Volume | 0.7590691 |  |
| Hyd Pressure2 | Mnf Flow | 0.7237407 |  |
| Pressure Setpoint | Fill Pressure | 0.6721748 |  |
| Hyd Pressure2 | Mnf Flow | 0.6561663 |  |
| Hyd Pressure2 | Hyd Pressure1 | 0.6341679 |  |
| Hyd Pressure3 | Hyd Pressure1 | 0.6154817 |  |
| Pressure Vacuum | Hyd Pressure3 | -0.6028821 |  |