**RANKING TABLE**

| Input  Features | Correlation    Score Rank | | Chi- Square Test  Score Rank | | Mutual Information    Score Rank | |
| --- | --- | --- | --- | --- | --- | --- |
| Age | 0.008863 | 19 | **0.691298** | **1** | 0.105124 | 15 |
| Blood Pressure | 0.016915 | 13 | 0.030740 | 8 | 0.116410 | 14 |
| Blood Glucose Random | 0.014366 | 16 | 0.012715 | 12 | 0.181586 | 11 |
| Blood Urea | 0.020157 | 12 | 0.002691 | 15 | 0.210326 | 9 |
| Serum Creatinine | 0.028192 | 10 | 0.185268 | 6 | **0.372049** | **2** |
| Potassium | 0.006763 | 21 | 0.026582 | 10 | 0.139642 | 13 |
| Red Blood Cell Count | **0.108272** | **4** | **0.272347** | **4** | **0.3600900** | **3** |
| Packed Cell Volume | **0.135862** | **1** | 0.151196 | 7 | **0.354886** | **4** |
| White Blood Cell Count | 0.016856 | 14 | 0.000007 | 23 | 0.102085 | 16 |
| Haemoglobin | 0.092376 | 6 | 0.005199 | 14 | **0.394897** | **1** |
| Sodium | 0.015283 | 15 | **0.416869** | **3** | 0.200473 | 10 |
| Sugar | 0.008056 | 20 | 0.000031 | 20 | 0.152054 | 12 |
| Hypertension | **0.114384** | **3** | 0.013194 | 11 | 0.236859 | 7 |
| Anemia | 0.011233 | 18 | 0.000008 | 22 | 0.082900 | 17 |
| Pedal Edema | 0.023243 | 11 | 0.000015 | 21 | 0.075148 | 19 |
| Appetite | 0.035974 | 8 | 0.000037 | 19 | 0.081041 | 18 |
| Specific Gravity | **0.121287** | **2** | **0.567109** | **2** | 0.348396 | 5 |
| Bacteria | 0.000375 | 24 | 0.027757 | 9 | 0.00001 | 23 |
| Coronary Artery Disease | 0.00413 | 22 | 0.000100 | 17 | 0.035923 | 22 |
| Albumin | 0.066130 | 7 | 0.231638 | 5 | 0.302418 | 6 |
| Diabetes Mellitus | 0.105201 | 5 | 0.06023 | 13 | 0.216525 | 8 |
| Red Blood Cells | 0.013764 | 17 | 0.000067 | 18 | 0.053609 | 21 |
| Pus Cell Clumps | 0.002390 | 23 | 0.000567 | 16 | 0.0000 | 24 |
| Pus Cell | 0.029927 | 9 | 0.000003 | 24 | 0.071790 | 20 |
| Class |  |  |  |  |  |  |

| Input  Features | Fisher Score    Score Rank | | Mean Absolute Difference  Score Rank | |
| --- | --- | --- | --- | --- |
| Age | 0.066850 | 19 | 0.827617 | 8 |
| Blood Pressure | 0.084307 | 18 | 0.783156 | 12 |
| Blood Glucose Random | 0.200520 | 9 | 0.723724 | 15 |
| Blood Urea | 0.173625 | 10 | 0.632204 | 18 |
| Serum Creatinine | 0.088081 | 17 | 0.471554 | 23 |
| Potassium | 0.004629 | 24 | 0.258005 | 24 |
| Red Blood Cell Count | **0.637880** | **3** | **0.883438** | **3** |
| Packed Cell Volume | 0.518101 | 5 | 0.804319 | 11 |
| White Blood Cell Count | 0.033092 | 22 | 0.820568 | 10 |
| Haemoglobin | **1.361566** | **1** | 0.828093 | 7 |
| Sodium | 0.136207 | 13 | 0.541427 | 20 |
| Sugar | 0.116247 | 14 | 0.666475 | 17 |
| Hypertension | 0.450379 | 6 | **0.980158** | **1** |
| Anemia | 0.104294 | 15 | 0.777075 | 13 |
| Pedal Edema | 0.148406 | 12 | 0.822445 | 9 |
| Appetite | 0.201510 | 8 | 0.860014 | 5 |
| Specific Gravity | **0.936356** | **2** | 0.856267 | 6 |
| Bacteria | 0.010309 | 23 | 0.538090 | 21 |
| Coronary Artery Disease | 0.041475 | 21 | 0.534539 | 22 |
| Albumin | **0.607770** | **4** | **0.878244** | **4** |
| Diabetes Mellitus | 0.406023 | 7 | **0.963816** | **2** |
| Red Blood Cells | 0.096698 | 16 | 0.695873 | 16 |
| Pus Cell Clumps | 0.048323 | 20 | 0.617241 | 19 |
| Pus Cell | 0.172445 | 11 | 0.759452 | 14 |
| Class |  |  |  |  |