**FEATURES IN OUR COLLECTED DATASET.**

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| Feature | Type | Values , Numeric Encod-  ing |
|  | Input features | |
| gender | categorical | female (0), male (1) |
| age | numerical | 15 .. 26 |
| address type | categorical | urban (0), rural (1) |
| average tuition fee cost | numerical | 50,000 .. 850,000  (in Bangladeshi taka) |
| time spent with friends | numerical | 0 .. 8  (hours per day) |
| smoker | categorical | no (0), yes (1) |
| family size | categorical | up to three (0), four and above (1) |
| relationship breakdown | categorical | no (0), yes (1) |
| cohabitation status | categorical | living together (0), apart (1) |
| father job | categorical | at home (0), other (1),  teacher (2), services (3), health (4) |
| mother job | categorical | same as above |
| father education | numerical | primary (1), secondary (2) |
|  | (ordinal) | higher secondary (3), university (4) |
| mother education | numerical (ordinal) | same as above |
|  | Target features | |
| SSC result | numerical | 1.0 .. 5.0 |
| HSC result | numerical | 1.0 .. 5.0 |