**CELL PHONE ACTIVITY DATA DICTIONARY**

Data were obtained recording phone sensor readings from cell phone users in 6 different activity modes. There is a total of n=165,633 readings with 1 binary, 2 nominal and 16 interval features.

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| --- | --- | --- | --- |
| **Name** | **Type** | **Description** | **Bounds** |
| activity | Nominal | Phone User Activity | (sitting, sittingdown, standing, standingup, walking ) |
| user | Nominal | Name | (debora, jose\_carlos, katia, wallace) |
| gender | Binary | Gender | (Man, Woman) |
| age | Interval | User’s Age | (20,80) |
| height | Interval | Height(m) | (1.5, 1.75) |
| weight | Interval | Weight(kg) | (50, 85) |
| BMI | Interval | BMI | (20,30) |
| x1 | Interval | Sensor 1 Time 1 | (-750, +750) |
| y1 | Interval | Sensor 2 Time 1 | (-750, +750) |
| z1 | Interval | Sensor 3 Time 1 | (-750, +750) |
| x2 | Interval | Sensor 1 Time 2 | (-750, +750) |
| y2 | Interval | Sensor 2 Time 2 | (-750, +750) |
| z2 | Interval | Sensor 3 Time 2 | (-750, +750) |
| x3 | Interval | Sensor 1 Time 3 | (-750, +750) |
| y3 | Interval | Sensor 2 Time 3 | (-750, +750) |
| z3 | Interval | Sensor 3 Time 3 | (-750, +750) |
| x4 | Interval | Sensor 1 Time 4 | (-750, +750) |
| y4 | Interval | Sensor 2 Time 4 | (-750, +750) |
| z4 | Interval | Sensor 3 Time 4 | (-750, +750) |

Note that the first three columns all contain string data.