**CodeBook.md** - Code book for tidydata.txt

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| --- | --- |
| **Column Name** | **Description** |
| ***subject\_identifier*** | Unique identifier for each of 30 subjects |
| ***activity*** | Activity description, one of following:  LAYING, SITTING, STANDING, WALKING, WALKING\_DOWNSTAIRS, WALKING\_UPSTAIRS |
| ***time\_body\_accelerometer\_xaxis\_mean*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_yaxis\_mean*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_zaxis\_mean*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_xaxis\_std*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_yaxis\_std*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_zaxis\_std*** | Wearable measurement data. |
| ***time\_gravity\_accelerometer\_xaxis\_mean*** | Wearable measurement data. |
| ***time\_gravity\_accelerometer\_yaxis\_mean*** | Wearable measurement data. |
| ***time\_gravity\_accelerometer\_zaxis\_mean*** | Wearable measurement data. |
| ***time\_gravity\_accelerometer\_xaxis\_std*** | Wearable measurement data. |
| ***time\_gravity\_accelerometer\_yaxis\_std*** | Wearable measurement data. |
| ***time\_gravity\_accelerometer\_zaxis\_std*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_jerk\_xaxis\_mean*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_jerk\_yaxis\_mean*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_jerk\_zaxis\_mean*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_jerk\_xaxis\_std*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_jerk\_yaxis\_std*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_jerk\_zaxis\_std*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_xaxis\_mean*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_yaxis\_mean*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_zaxis\_mean*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_xaxis\_std*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_yaxis\_std*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_zaxis\_std*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_jerk\_xaxis\_mean*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_jerk\_yaxis\_mean*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_jerk\_zaxis\_mean*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_jerk\_xaxis\_std*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_jerk\_yaxis\_std*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_jerk\_zaxis\_std*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_magnitude\_mean*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_magnitude\_std*** | Wearable measurement data. |
| ***time\_gravity\_accelerometer\_magnitude\_mean*** | Wearable measurement data. |
| ***time\_gravity\_accelerometer\_magnitude\_std*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_jerk\_magnitude\_mean*** | Wearable measurement data. |
| ***time\_body\_accelerometer\_jerk\_magnitude\_std*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_magnitude\_mean*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_magnitude\_std*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_jerk\_magnitude\_mean*** | Wearable measurement data. |
| ***time\_body\_gyroscope\_jerk\_magnitude\_std*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_xaxis\_mean*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_yaxis\_mean*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_zaxis\_mean*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_xaxis\_std*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_yaxis\_std*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_zaxis\_std*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_jerk\_xaxis\_mean*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_jerk\_yaxis\_mean*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_jerk\_zaxis\_mean*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_jerk\_xaxis\_std*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_jerk\_yaxis\_std*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_jerk\_zaxis\_std*** | Wearable measurement data. |
| ***frequency\_body\_gyroscope\_xaxis\_mean*** | Wearable measurement data. |
| ***frequency\_body\_gyroscope\_yaxis\_mean*** | Wearable measurement data. |
| ***frequency\_body\_gyroscope\_zaxis\_mean*** | Wearable measurement data. |
| ***frequency\_body\_gyroscope\_xaxis\_std*** | Wearable measurement data. |
| ***frequency\_body\_gyroscope\_yaxis\_std*** | Wearable measurement data. |
| ***frequency\_body\_gyroscope\_zaxis\_std*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_magnitude\_mean*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_magnitude\_std*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_jerk\_magnitude\_mean*** | Wearable measurement data. |
| ***frequency\_body\_accelerometer\_jerk\_magnitude\_std*** | Wearable measurement data. |
| ***frequency\_body\_gyroscope\_magnitude\_mean*** | Wearable measurement data. |
| ***frequency\_body\_gyroscope\_magnitude\_std*** | Wearable measurement data. |
| ***frequency\_body\_gyroscope\_jerk\_magnitude\_mean*** | Wearable measurement data. |
| ***frequency\_body\_gyroscope\_jerk\_magnitude\_std*** | Wearable measurement data. |