Codebook for av\_activity\_subject

The data frame that is the result of performing steps 5 of the assignment

2018-07-12 14:41:17

# Data report overview

The dataset examined has the following dimensions:

|  |  |
| --- | --- |
| Feature | Result |
| Number of observations | 180 |
| Number of variables | 68 |

# Codebook summary table

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Variable | Class | # unique values | Missing | Description |
| [**activity**](#activity) | character | 6 | 0.00 % |  |
| [**subject**](#subject) | integer | 30 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Acceleration.Signal- mean-X axis**](#the-average-of-time.domain.body.acceleration.signal--mean-x-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Acceleration.Signal- mean-Y axis**](#the-average-of-time.domain.body.acceleration.signal--mean-y-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Acceleration.Signal- mean-Z axis**](#the-average-of-time.domain.body.acceleration.signal--mean-z-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Acceleration.Signal- std dev-X axis**](#the-average-of-time.domain.body.acceleration.signal--std-dev-x-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Acceleration.Signal- std dev-Y axis**](#the-average-of-time.domain.body.acceleration.signal--std-dev-y-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Acceleration.Signal- std dev-Z axis**](#the-average-of-time.domain.body.acceleration.signal--std-dev-z-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Gravity.Acceleration.Signal- mean-X axis**](#the-average-of-time.domain.gravity.acceleration.signal--mean-x-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Gravity.Acceleration.Signal- mean-Y axis**](#the-average-of-time.domain.gravity.acceleration.signal--mean-y-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Gravity.Acceleration.Signal- mean-Z axis**](#the-average-of-time.domain.gravity.acceleration.signal--mean-z-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Gravity.Acceleration.Signal- std dev-X axis**](#the-average-of-time.domain.gravity.acceleration.signal--std-dev-x-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Gravity.Acceleration.Signal- std dev-Y axis**](#the-average-of-time.domain.gravity.acceleration.signal--std-dev-y-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Gravity.Acceleration.Signal- std dev-Z axis**](#the-average-of-time.domain.gravity.acceleration.signal--std-dev-z-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Acceleration.Jerk.Signal- mean-X axis**](#the-average-of-time.domain.body.acceleration.jerk.signal--mean-x-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Acceleration.Jerk.Signal- mean-Y axis**](#the-average-of-time.domain.body.acceleration.jerk.signal--mean-y-axis) | numeric | 180 | 0.00 % |  |
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| [**The Average of Time.Domain.Body.Gyration.Signal- mean-X axis**](#the-average-of-time.domain.body.gyration.signal--mean-x-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Gyration.Signal- mean-Y axis**](#the-average-of-time.domain.body.gyration.signal--mean-y-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Gyration.Signal- mean-Z axis**](#the-average-of-time.domain.body.gyration.signal--mean-z-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Gyration.Signal- std dev-X axis**](#the-average-of-time.domain.body.gyration.signal--std-dev-x-axis) | numeric | 180 | 0.00 % |  |
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| [**The Average of Time.Domain.Body.Gyration.Jerk.Signal- mean-X axis**](#the-average-of-time.domain.body.gyration.jerk.signal--mean-x-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Gyration.Jerk.Signal- mean-Y axis**](#the-average-of-time.domain.body.gyration.jerk.signal--mean-y-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Gyration.Jerk.Signal- mean-Z axis**](#the-average-of-time.domain.body.gyration.jerk.signal--mean-z-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Gyration.Jerk.Signal- std dev-X axis**](#the-average-of-time.domain.body.gyration.jerk.signal--std-dev-x-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Gyration.Jerk.Signal- std dev-Y axis**](#the-average-of-time.domain.body.gyration.jerk.signal--std-dev-y-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Gyration.Jerk.Signal- std dev-Z axis**](#the-average-of-time.domain.body.gyration.jerk.signal--std-dev-z-axis) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Acceleration.Signal.Magnitude- mean**](#the-average-of-time.domain.body.acceleration.signal.magnitude--mean) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Body.Acceleration.Signal.Magnitude- std dev**](#the-average-of-time.domain.body.acceleration.signal.magnitude--std-dev) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Gravity.Acceleration.Signal.Magnitude- mean**](#the-average-of-time.domain.gravity.acceleration.signal.magnitude--mean) | numeric | 180 | 0.00 % |  |
| [**The Average of Time.Domain.Gravity.Acceleration.Signal.Magnitude- std dev**](#the-average-of-time.domain.gravity.acceleration.signal.magnitude--std-dev) | numeric | 180 | 0.00 % |  |
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| [**The Average of Frequency.Domain.Body.Acceleration.Signal- mean-X axis**](#the-average-of-frequency.domain.body.acceleration.signal--mean-x-axis) | numeric | 180 | 0.00 % |  |
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| [**The Average of Frequency.Domain.Body.Gyration.Jerk.Signal.Magnitude- std dev**](#the-average-of-frequency.domain.body.gyration.jerk.signal.magnitude--std-dev) | numeric | 180 | 0.00 % |  |

# Variable list

## activity

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | character |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 6 |

## subject

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | integer |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 30 |
| Min. and max. | 1; 30 |

## The Average of Time.Domain.Body.Acceleration.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.28 |
| 1st and 3rd quartiles | 0.27; 0.28 |
| Min. and max. | 0.22; 0.3 |

## The Average of Time.Domain.Body.Acceleration.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.02 |
| 1st and 3rd quartiles | -0.02; -0.01 |
| Min. and max. | -0.04; 0 |

## The Average of Time.Domain.Body.Acceleration.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.11 |
| 1st and 3rd quartiles | -0.11; -0.1 |
| Min. and max. | -0.15; -0.08 |

## The Average of Time.Domain.Body.Acceleration.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.75 |
| 1st and 3rd quartiles | -0.98; -0.2 |
| Min. and max. | -1; 0.63 |

## The Average of Time.Domain.Body.Acceleration.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.51 |
| 1st and 3rd quartiles | -0.94; -0.03 |
| Min. and max. | -0.99; 0.62 |

## The Average of Time.Domain.Body.Acceleration.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.65 |
| 1st and 3rd quartiles | -0.95; -0.23 |
| Min. and max. | -0.99; 0.61 |

## The Average of Time.Domain.Gravity.Acceleration.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.92 |
| 1st and 3rd quartiles | 0.84; 0.94 |
| Min. and max. | -0.68; 0.97 |

## The Average of Time.Domain.Gravity.Acceleration.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.13 |
| 1st and 3rd quartiles | -0.23; 0.09 |
| Min. and max. | -0.48; 0.96 |

## The Average of Time.Domain.Gravity.Acceleration.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.02 |
| 1st and 3rd quartiles | -0.12; 0.15 |
| Min. and max. | -0.5; 0.96 |

## The Average of Time.Domain.Gravity.Acceleration.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.97 |
| 1st and 3rd quartiles | -0.98; -0.95 |
| Min. and max. | -1; -0.83 |

## The Average of Time.Domain.Gravity.Acceleration.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.96 |
| 1st and 3rd quartiles | -0.97; -0.94 |
| Min. and max. | -0.99; -0.64 |

## The Average of Time.Domain.Gravity.Acceleration.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.95 |
| 1st and 3rd quartiles | -0.96; -0.92 |
| Min. and max. | -0.99; -0.61 |

## The Average of Time.Domain.Body.Acceleration.Jerk.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.08 |
| 1st and 3rd quartiles | 0.07; 0.08 |
| Min. and max. | 0.04; 0.13 |

## The Average of Time.Domain.Body.Acceleration.Jerk.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.01 |
| 1st and 3rd quartiles | 0; 0.01 |
| Min. and max. | -0.04; 0.06 |

## The Average of Time.Domain.Body.Acceleration.Jerk.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0 |
| 1st and 3rd quartiles | -0.01; 0 |
| Min. and max. | -0.07; 0.04 |

## The Average of Time.Domain.Body.Acceleration.Jerk.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.22 |
| Min. and max. | -0.99; 0.54 |

## The Average of Time.Domain.Body.Acceleration.Jerk.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.78 |
| 1st and 3rd quartiles | -0.97; -0.15 |
| Min. and max. | -0.99; 0.36 |

## The Average of Time.Domain.Body.Acceleration.Jerk.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.98; -0.51 |
| Min. and max. | -0.99; 0.03 |

## The Average of Time.Domain.Body.Gyration.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.03 |
| 1st and 3rd quartiles | -0.05; -0.02 |
| Min. and max. | -0.21; 0.19 |

## The Average of Time.Domain.Body.Gyration.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.07 |
| 1st and 3rd quartiles | -0.09; -0.06 |
| Min. and max. | -0.2; 0.03 |

## The Average of Time.Domain.Body.Gyration.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | 0.09 |
| 1st and 3rd quartiles | 0.07; 0.1 |
| Min. and max. | -0.07; 0.18 |

## The Average of Time.Domain.Body.Gyration.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.97; -0.44 |
| Min. and max. | -0.99; 0.27 |

## The Average of Time.Domain.Body.Gyration.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.96; -0.42 |
| Min. and max. | -0.99; 0.48 |

## The Average of Time.Domain.Body.Gyration.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.96; -0.31 |
| Min. and max. | -0.99; 0.56 |

## The Average of Time.Domain.Body.Gyration.Jerk.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.1 |
| 1st and 3rd quartiles | -0.1; -0.09 |
| Min. and max. | -0.16; -0.02 |

## The Average of Time.Domain.Body.Gyration.Jerk.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.04 |
| 1st and 3rd quartiles | -0.05; -0.04 |
| Min. and max. | -0.08; -0.01 |

## The Average of Time.Domain.Body.Gyration.Jerk.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.05 |
| 1st and 3rd quartiles | -0.06; -0.05 |
| Min. and max. | -0.09; -0.01 |

## The Average of Time.Domain.Body.Gyration.Jerk.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.84 |
| 1st and 3rd quartiles | -0.98; -0.46 |
| Min. and max. | -1; 0.18 |

## The Average of Time.Domain.Body.Gyration.Jerk.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.89 |
| 1st and 3rd quartiles | -0.98; -0.59 |
| Min. and max. | -1; 0.3 |

## The Average of Time.Domain.Body.Gyration.Jerk.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.86 |
| 1st and 3rd quartiles | -0.98; -0.47 |
| Min. and max. | -1; 0.19 |

## The Average of Time.Domain.Body.Acceleration.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.48 |
| 1st and 3rd quartiles | -0.96; -0.09 |
| Min. and max. | -0.99; 0.64 |

## The Average of Time.Domain.Body.Acceleration.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.61 |
| 1st and 3rd quartiles | -0.94; -0.21 |
| Min. and max. | -0.99; 0.43 |

## The Average of Time.Domain.Gravity.Acceleration.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.48 |
| 1st and 3rd quartiles | -0.96; -0.09 |
| Min. and max. | -0.99; 0.64 |

## The Average of Time.Domain.Gravity.Acceleration.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.61 |
| 1st and 3rd quartiles | -0.94; -0.21 |
| Min. and max. | -0.99; 0.43 |

## The Average of Time.Domain.Body.Acceleration.Jerk.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.82 |
| 1st and 3rd quartiles | -0.98; -0.25 |
| Min. and max. | -0.99; 0.43 |

## The Average of Time.Domain.Body.Acceleration.Jerk.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.98; -0.22 |
| Min. and max. | -0.99; 0.45 |

## The Average of Time.Domain.Body.Gyration.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.66 |
| 1st and 3rd quartiles | -0.95; -0.22 |
| Min. and max. | -0.98; 0.42 |

## The Average of Time.Domain.Body.Gyration.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.74 |
| 1st and 3rd quartiles | -0.95; -0.36 |
| Min. and max. | -0.98; 0.3 |

## The Average of Time.Domain.Body.Gyration.Jerk.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.86 |
| 1st and 3rd quartiles | -0.99; -0.51 |
| Min. and max. | -1; 0.09 |

## The Average of Time.Domain.Body.Gyration.Jerk.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.98; -0.58 |
| Min. and max. | -1; 0.25 |

## The Average of Frequency.Domain.Body.Acceleration.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.98; -0.22 |
| Min. and max. | -1; 0.54 |

## The Average of Frequency.Domain.Body.Acceleration.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.59 |
| 1st and 3rd quartiles | -0.95; -0.06 |
| Min. and max. | -0.99; 0.52 |

## The Average of Frequency.Domain.Body.Acceleration.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.72 |
| 1st and 3rd quartiles | -0.96; -0.32 |
| Min. and max. | -0.99; 0.28 |

## The Average of Frequency.Domain.Body.Acceleration.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.75 |
| 1st and 3rd quartiles | -0.98; -0.2 |
| Min. and max. | -1; 0.66 |

## The Average of Frequency.Domain.Body.Acceleration.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.51 |
| 1st and 3rd quartiles | -0.94; -0.08 |
| Min. and max. | -0.99; 0.56 |

## The Average of Frequency.Domain.Body.Acceleration.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.64 |
| 1st and 3rd quartiles | -0.95; -0.27 |
| Min. and max. | -0.99; 0.69 |

## The Average of Frequency.Domain.Body.Acceleration.Jerk.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.28 |
| Min. and max. | -0.99; 0.47 |

## The Average of Frequency.Domain.Body.Acceleration.Jerk.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.78 |
| 1st and 3rd quartiles | -0.97; -0.2 |
| Min. and max. | -0.99; 0.28 |

## The Average of Frequency.Domain.Body.Acceleration.Jerk.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.87 |
| 1st and 3rd quartiles | -0.98; -0.47 |
| Min. and max. | -0.99; 0.16 |

## The Average of Frequency.Domain.Body.Acceleration.Jerk.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.83 |
| 1st and 3rd quartiles | -0.98; -0.25 |
| Min. and max. | -1; 0.48 |

## The Average of Frequency.Domain.Body.Acceleration.Jerk.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.97; -0.17 |
| Min. and max. | -0.99; 0.35 |

## The Average of Frequency.Domain.Body.Acceleration.Jerk.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.9 |
| 1st and 3rd quartiles | -0.98; -0.54 |
| Min. and max. | -0.99; -0.01 |

## The Average of Frequency.Domain.Body.Gyration.Signal- mean-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.73 |
| 1st and 3rd quartiles | -0.97; -0.34 |
| Min. and max. | -0.99; 0.47 |

## The Average of Frequency.Domain.Body.Gyration.Signal- mean-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.97; -0.45 |
| Min. and max. | -0.99; 0.33 |

## The Average of Frequency.Domain.Body.Gyration.Signal- mean-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.96; -0.26 |
| Min. and max. | -0.99; 0.49 |

## The Average of Frequency.Domain.Body.Gyration.Signal- std dev-X axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.48 |
| Min. and max. | -0.99; 0.2 |

## The Average of Frequency.Domain.Body.Gyration.Signal- std dev-Y axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.8 |
| 1st and 3rd quartiles | -0.96; -0.42 |
| Min. and max. | -0.99; 0.65 |

## The Average of Frequency.Domain.Body.Gyration.Signal- std dev-Z axis

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.82 |
| 1st and 3rd quartiles | -0.96; -0.39 |
| Min. and max. | -0.99; 0.52 |

## The Average of Frequency.Domain.Body.Acceleration.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.67 |
| 1st and 3rd quartiles | -0.96; -0.16 |
| Min. and max. | -0.99; 0.59 |

## The Average of Frequency.Domain.Body.Acceleration.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.65 |
| 1st and 3rd quartiles | -0.95; -0.37 |
| Min. and max. | -0.99; 0.18 |

## The Average of Frequency.Domain.Body.Acceleration.Jerk.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.79 |
| 1st and 3rd quartiles | -0.98; -0.19 |
| Min. and max. | -0.99; 0.54 |

## The Average of Frequency.Domain.Body.Acceleration.Jerk.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.81 |
| 1st and 3rd quartiles | -0.98; -0.27 |
| Min. and max. | -0.99; 0.32 |

## The Average of Frequency.Domain.Body.Gyration.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.96; -0.41 |
| Min. and max. | -0.99; 0.2 |

## The Average of Frequency.Domain.Body.Gyration.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.77 |
| 1st and 3rd quartiles | -0.95; -0.43 |
| Min. and max. | -0.98; 0.24 |

## The Average of Frequency.Domain.Body.Gyration.Jerk.Signal.Magnitude- mean

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.88 |
| 1st and 3rd quartiles | -0.98; -0.58 |
| Min. and max. | -1; 0.15 |

## The Average of Frequency.Domain.Body.Gyration.Jerk.Signal.Magnitude- std dev

|  |  |
| --- | --- |
| Feature | Result |
| Variable type | numeric |
| Number of missing obs. | 0 (0 %) |
| Number of unique values | 180 |
| Median | -0.89 |
| 1st and 3rd quartiles | -0.98; -0.61 |
| Min. and max. | -1; 0.29 |

Report generation information:

* Created by Megan Brennan (username: megan).
* Report creation time: Thu Jul 12 2018 14:41:18
* Report Was run from directory: C:/Users/megan/Documents/dataRStudio
* dataMaid v1.1.2 [Pkg: 2018-05-03 from CRAN (R 3.5.1)]
* R version 3.5.0 (2018-04-23).
* Platform: x86\_64-w64-mingw32/x64 (64-bit)(Windows >= 8 x64 (build 9200)).
* Function call: makeDataReport(data = av\_activity\_subject, mode = "summarize", file = "codebook\_av\_activity\_subject.Rmd", checks = list( list("showAllFactorLevels")), listChecks = FALSE, maxProbVals = FALSE, codebook = TRUE, reportTitle = "Codebook for av\_activity\_subject")