

Dataset Information

Dimensions: 180 observations with 81 features each

Features Information:

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"Subject ID"

Distinct subjects: 1 to 30

Min. Max.

1.0 30.0

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"Activity"

Type and instances: 6 types with 30 instances each as seen bellow

WALKING	WALKING_UPSTAIRS	WALKING_DOWNSTAIRS	SITTING	STANDING
30	30	30	30	30
LAYING				
30				

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"Time Domain Body Acclerometer mean X"

Min. 1st Qu. Median Mean 3rd Qu. Max.

0.2216 0.2712 0.2770 0.2743 0.2800 0.3015

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"Time Domain Body Acclerometer mean Y"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.040510 -0.020020 -0.017260 -0.017880 -0.014940 -0.001308

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"Time Domain Body Acclerometer mean Z"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.15250 -0.11210 -0.10820 -0.10920 -0.10440 -0.07538

=====

"Time Domain Body Acclerometer std X"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9961 -0.9799 -0.7526 -0.5577 -0.1984 0.6269

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"Time Domain Body Acclerometer std Y"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.99020 -0.94210 -0.50900 -0.46050 -0.03077 0.61690

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"Time Domain Body Acclerometer std Z"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9877 -0.9498 -0.6518 -0.5756 -0.2306 0.6090

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"Time Domain Gravity Acclerometer mean X"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.6800 0.8376 0.9208 0.6975 0.9425 0.9745

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"Time Domain Gravity Acclerometer mean Y"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.47990	-0.23320	-0.12780	-0.01621	0.08773	0.95660

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"Time Domain Gravity Acclerometer mean Z"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.49510	-0.11730	0.02384	0.07413	0.14950	0.95790

=====

"Time Domain Gravity Acclerometer std X"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9968	-0.9825	-0.9695	-0.9638	-0.9509	-0.8296

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"Time Domain Gravity Acclerometer std Y"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9942	-0.9711	-0.9590	-0.9524	-0.9370	-0.6436

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"Time Domain Gravity Acclerometer std Z"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9910	-0.9605	-0.9450	-0.9364	-0.9180	-0.6102

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"Time Domain Body Acclerometer Jerk mean X"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
0.04269	0.07396	0.07640	0.07947	0.08330	0.13020

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"Time Domain Body Acclerometer Jerk mean Y"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.0386900	0.0004664	0.0094700	0.0075650	0.0134000	0.0568200

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"Time Domain Body Acclerometer Jerk mean Z"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.067460	-0.010600	-0.003861	-0.004953	0.001958	0.038050

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"Time Domain Body Acclerometer Jerk std X"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9946	-0.9832	-0.8104	-0.5949	-0.2233	0.5443

=====

"Time Domain Body Acclerometer Jerk std Y"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9895	-0.9724	-0.7756	-0.5654	-0.1483	0.3553

=====

"Time Domain Body Acclerometer Jerk std Z"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.99330	-0.98270	-0.88370	-0.73600	-0.51210	0.03102

=====

"Time Domain Body Gyroscope mean X"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.20580	-0.04712	-0.02871	-0.03244	-0.01676	0.19270

=====

"Time Domain Body Gyroscope mean Y"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.20420	-0.08955	-0.07318	-0.07426	-0.06113	0.02747

=====

"Time Domain Body Gyroscope mean Z"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.07245	0.07475	0.08512	0.08744	0.10180	0.17910

=====

"Time Domain Body Gyroscope std X"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9943	-0.9735	-0.7890	-0.6916	-0.4414	0.2677

=====

"Time Domain Body Gyroscope std Y"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9942	-0.9629	-0.8017	-0.6533	-0.4196	0.4765

=====

"Time Domain Body Gyroscope std Z"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9855	-0.9609	-0.8010	-0.6164	-0.3106	0.5649

=====

"Time Domain Body Gyroscope Jerk mean X"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.15720	-0.10320	-0.09868	-0.09606	-0.09110	-0.02209

=====

"Time Domain Body Gyroscope Jerk mean Y"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.07681	-0.04552	-0.04112	-0.04269	-0.03842	-0.01320

=====

"Time Domain Body Gyroscope Jerk mean Z"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.092500	-0.061720	-0.053430	-0.054800	-0.048980	-0.006941

=====

"Time Domain Body Gyroscope Jerk std X"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9965	-0.9800	-0.8396	-0.7036	-0.4629	0.1791

=====

"Time Domain Body Gyroscope Jerk std Y"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9971	-0.9832	-0.8942	-0.7636	-0.5861	0.2959

=====

"Time Domain Body Gyroscope Jerk std Z"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9954	-0.9848	-0.8610	-0.7096	-0.4741	0.1932

=====

"Time Domain Body Acclerometer Euclidean Norm mean"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9865 -0.9573 -0.4829 -0.4973 -0.0919 0.6446

=====

"Time Domain Body Acclerometer Euclidean Norm std"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9865 -0.9430 -0.6074 -0.5439 -0.2090 0.4284

=====

"Time Domain Gravity Acclerometer Euclidean Norm mean"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9865 -0.9573 -0.4829 -0.4973 -0.0919 0.6446

=====

"Time Domain Gravity Acclerometer Euclidean Norm std"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9865 -0.9430 -0.6074 -0.5439 -0.2090 0.4284

=====

"Time Domain Body Acclerometer Jerk Euclidean Norm mean"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9928 -0.9807 -0.8168 -0.6079 -0.2456 0.4345

=====

"Time Domain Body Acclerometer Jerk Euclidean Norm std"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9946 -0.9765 -0.8014 -0.5842 -0.2173 0.4506

=====

"Time Domain Body Gyroscope Euclidean Norm mean"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9807 -0.9461 -0.6551 -0.5652 -0.2159 0.4180

=====

"Time Domain Body Gyroscope Euclidean Norm std"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9814 -0.9476 -0.7420 -0.6304 -0.3602 0.3000

=====

"Time Domain Body Gyroscope Jerk Euclidean Norm mean"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.99730 -0.98520 -0.86480 -0.73640 -0.51190 0.08758

=====

"Time Domain Body Gyroscope Jerk Euclidean Norm std"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9977 -0.9805 -0.8809 -0.7550 -0.5767 0.2502

=====

"Freq. Domain Body Accelerometer mean X"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9952 -0.9787 -0.7691 -0.5758 -0.2174 0.5370

=====

"Freq. Domain Body Acclerometer mean Y"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.98900	-0.95360	-0.59500	-0.48870	-0.06341	0.52420

=====

"Freq. Domain Body Acclerometer mean Z"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9895	-0.9619	-0.7236	-0.6297	-0.3183	0.2807

=====

"Freq. Domain Body Acclerometer std X"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9966	-0.9820	-0.7470	-0.5522	-0.1966	0.6585

=====

"Freq. Domain Body Acclerometer std Y"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.99070	-0.94040	-0.51340	-0.48150	-0.07913	0.56020

=====

"Freq. Domain Body Acclerometer std Z"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9872	-0.9459	-0.6441	-0.5824	-0.2655	0.6871

=====

"Freq. Domain Body Acclerometer meanFreq X"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.63590	-0.39170	-0.25730	-0.23230	-0.06105	0.15910

=====

"Freq. Domain Body Acclerometer meanFreq Y"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.379500	-0.081310	0.007855	0.011530	0.086280	0.466500

=====

"Freq. Domain Body Acclerometer meanFreq Z"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.52010	-0.03629	0.06582	0.04372	0.17540	0.40250

=====

"Freq. Domain Body Acclerometer Jerk mean X"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9946	-0.9828	-0.8126	-0.6139	-0.2820	0.4743

=====

"Freq. Domain Body Acclerometer Jerk mean Y"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9894	-0.9725	-0.7817	-0.5882	-0.1963	0.2767

=====

"Freq. Domain Body Acclerometer Jerk mean Z"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9920	-0.9796	-0.8707	-0.7144	-0.4697	0.1578

=====

"Freq. Domain Body Acclerometer Jerk std X"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9951	-0.9847	-0.8254	-0.6121	-0.2475	0.4768

=====

"Freq. Domain Body Acclerometer Jerk std Y"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9905 -0.9737 -0.7852 -0.5707 -0.1685 0.3498

=====

"Freq. Domain Body Acclerometer Jerk std Z"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.993100 -0.983700 -0.895100 -0.756500 -0.543800 -0.006236

=====

"Freq. Domain Body Acclerometer Jerk meanFreq X"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.57600 -0.28970 -0.06091 -0.06910 0.17660 0.33140

=====

"Freq. Domain Body Acclerometer Jerk meanFreq Y"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.60200 -0.39750 -0.23210 -0.22810 -0.04721 0.19570

=====

"Freq. Domain Body Acclerometer Jerk meanFreq Z"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.62760 -0.30870 -0.09187 -0.13760 0.03858 0.23010

=====

"Freq. Domain Body Gyroscope mean X"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9931 -0.9697 -0.7300 -0.6367 -0.3387 0.4750

=====

"Freq. Domain Body Gyroscope mean Y"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9940 -0.9700 -0.8141 -0.6767 -0.4458 0.3288

=====

"Freq. Domain Body Gyroscope mean Z"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9860 -0.9624 -0.7909 -0.6044 -0.2635 0.4924

=====

"Freq. Domain Body Gyroscope std X"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9947 -0.9750 -0.8086 -0.7110 -0.4813 0.1966

=====

"Freq. Domain Body Gyroscope std Y"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9944 -0.9602 -0.7964 -0.6454 -0.4154 0.6462

=====

"Freq. Domain Body Gyroscope std Z"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9867 -0.9643 -0.8224 -0.6577 -0.3916 0.5225

=====

"Freq. Domain Body Gyroscope meanFreq X"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.395800	-0.213400	-0.115500	-0.104600	0.002655	0.249200

=====

"Freq. Domain Body Gyroscope meanFreq Y"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.66680	-0.29430	-0.15790	-0.16740	-0.04269	0.27310

=====

"Freq. Domain Body Gyroscope meanFreq Z"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.50750	-0.15480	-0.05081	-0.05718	0.04152	0.37710

=====

"Freq. Domain Body Acclerometer Euclidean Norm mean"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9868	-0.9560	-0.6703	-0.5365	-0.1622	0.5866

=====

"Freq. Domain Body Acclerometer Euclidean Norm std"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.9876	-0.9452	-0.6513	-0.6210	-0.3654	0.1787

=====

"Freq. Domain Body Acclerometer Euclidean Norm meanFreq"

Min.	1st Qu.	Median	Mean	3rd Qu.	Max.
-0.31230	-0.01475	0.08132	0.07613	0.17440	0.43580

=====

"Freq. Domain Body Acclerometer Jerk Euclidean Norm mean"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9940 -0.9770 -0.7940 -0.5756 -0.1872 0.5384

=====

"Freq. Domain Body Acclerometer Jerk Euclidean Norm std"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9944 -0.9752 -0.8126 -0.5992 -0.2668 0.3163

=====

"Freq. Domain Body Acclerometer Jerk Euclidean Norm meanFreq"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.12520 0.04527 0.17200 0.16250 0.27590 0.48810

=====

"Freq. Domain Body Gyroscope Euclidean Norm mean"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9865 -0.9616 -0.7657 -0.6671 -0.4087 0.2040

=====

"Freq. Domain Body Gyroscope Euclidean Norm std"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9815 -0.9488 -0.7727 -0.6723 -0.4277 0.2367

=====

"Freq. Domain Body Gyroscope Euclidean Norm meanFreq"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.45660 -0.16950 -0.05352 -0.03603 0.08228 0.40950

=====

"Freq. Domain Body Gyroscope Jerk Euclidean Norm mean"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9976 -0.9813 -0.8779 -0.7564 -0.5831 0.1466

=====

"Freq. Domain Body Gyroscope Jerk Euclidean Norm std"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.9976 -0.9802 -0.8941 -0.7715 -0.6081 0.2878

=====

"Freq. Domain Body Gyroscope Jerk Euclidean Norm meanFreq"

Min. 1st Qu. Median Mean 3rd Qu. Max.

-0.18290 0.05423 0.11160 0.12590 0.20810 0.42630

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End of the data features