Variable	Туре	Range/Categories	Business Meaning
row_id	object		
sequence_type	object	Target / Non-Target	sequence_type - If the gesture is a target or non-target type. Train only.
			sequence_id - An ID for the batch of sensor data. Each sequence includes one Transition, one Pause, and one
sequence_id	object	[SEQ_000007 - SEQ_065531]	Gesture.
		mean 43.645234 std 45.717673	
		min 0.000000	
		25% 17.000000 50% 35.000000	acquance counter. A counter of the row within each
		75% 54.000000	sequence_counter - A counter of the row within each sequence.
sequence_counter	int64	max 699.000000	and the American ID for the contribution of the date of
subject	object	[SUBJ_000206 - SUBJ_064387]	subject - A unique ID for the subject who provided the data.
		Seated Lean Non Dom - FACE DOWN	
		Lie on Side - Non Dominant Seated Straight	orientation - Description of the subject's orientation
orientation	object	Lie on Back	during the sequence. Train only.
		Relaxes and moves hand to target location Hand at target location	
		Performs gesture	behavior - A description of the subject's behavior during
behavior	object	Moves hand to target location	the current phase of the sequence.
phase	object	Transition Gesture	phase - Whether the sequence is in transition or the actual gesture
F. 1300	55,550	Cheek - pinch skin	
		Forehead - pull hairline	
		Write name on leg Feel around in tray and pull out an object	
		Neck - scratch	
		Neck - pinch skin Eyelash - pull hair	
		Eyebrow - pull hair	
		Forehead - scratch Above ear - pull hair	
		Wave hello	
		Write name in air	
		Text on phone Pull air toward your face	
		Pinch knee/leg skin	
		Scratch knee/leg skin Drink from bottle/cup	gesture - The target column. Description of sequence
gesture	object	Glasses on/off	Gesture. Train only.
			acc_[x/y/z] - Measure linear acceleration along three axes in meters per second squared from the IMU
acc_x	float64	[-34.5859375 46.328125]	sensor.
acc_y	float64	[-24.40234375 27.18359375]	
acc_z	float64	[-42.85546875 30.078125]	
			rot_[w/x/y/z] - Orientation data which combines
			information from the IMU's gyroscope, accelerometer, and magnetometer to describe the device's orientation
rot_w	float64	[0.0 0.9993896484375]	in 3D space.
rot_x	float64	[-0.9991455078125 0.99981689453125]	
rot_y	float64	[-0.99969482421875 0.99945068359375]	
rot_z	float64	[-0.9981689453125 0.9998779296875]	U 1/2 = 2 = 2 = 2
			thm_[1-5] - There are five thermopile sensors on the watch which record temperature in degrees Celsius.
			Note that the index/number for each corresponds to the
thm_1	float64	[-0.3704126477241516 38.457664489746094]	index in the photo on the Overview tab.
			tof_[1-5]_v[0-63] - There are five time-of-flight sensors on the watch that measure distance. In the dataset, the
			0th pixel for the first time-of-flight sensor can be found
			with column name tof_1_v0, whereas the final pixel in the grid can be found under column tof_1_v63. This
			data is collected row-wise, where the first pixel could be
			considered in the top-left of the grid, with the second to its right, ultimately wrapping so the final value is in the
			bottom right (see image above). The particular time-of-
			flight sensor is denoted by the number at the start of the column name (e.g., 1_v0 is the first pixel for the first
			time-of-flight sensor while 5_v0 is the first pixel for the
			fifth time-of-flight sensor). If there is no sensor response
			(e.g., if there is no nearby object causing a signal reflection), a -1 is present in this field. Units are
			uncalibrated sensor values in the range 0-254. Each
tof_1_v0	float64	[-1.0 249.0]	sensor contains 64 pixels arranged in an 8x8 grid, visualized in the figure below.
			(engineered feature)The 1st derivative of each IMU
IMU sensor derivatives	float64	[-15 15]	sensor reading.
acceleration magnitude	float64	[5 15]	(engineered feature)The magnitude of acceleration.
rotation angle	float64	[0.0 1.5]	(engineered feature)The real part of the rotation angle.
naive magnitude	float64	[0.0 1.0]	(engineered feature) Naive calculation of rotation magnitude.
HALVO HIAGHILAUG	แบลเบ 4	լլս.ս 1.սյ	magnitude.