Exception	Error Code	Error Code Category	Error Details	Error Message
			Input Payload Validation Exceptions	
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If "trace" key is missing from the trace payload.	Expected key: 'trace' missing from the dictionary
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If any of ["latitude", "longitude", "timestamp"] keys is missing from a ping in "trace".	Expected key: <key_name> missing from the dictionary
ValidationException	4001	INPUT_KEY_ERROR_EXCEPTION_CODE	For each element in "trace" metadata keys must be of type str.	Expected keys of only string type in metadata dictionary
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If an element in "trace" has keys other than ["ping_id", "latitude", "longitude", "timestamp", "error_radius", "event_type", "force_retain", "metadata"]	Unexpected key provided in ping dictionary
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If trace payload has keys other than ["trace", "vehicle_type", "vehicle_speed"]	Unexpected key provided in trace payload dictionary
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If trace payload is not of dictionary type.	trace payload must be of type Dict but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If trace payload is an empy dictionary.	trace payload cannot be an empty dictionary
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If data corresponding to "trace" is not of type list.	<key_name> must be of type List but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If element in "trace" is not of type dict.	ping must be of type Dict but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If element in "trace" is an empy dictionary.	ping cannot be an empty dictionary
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	For each element in "trace" value of each key in ["latitude", "longitude", "error_radius"] must be of type int, float or None.	<key_name> must be of type Int, Float or None but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	For each element in "trace", timestamp must be of type int.	timestamp must be of type Int but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	For each element in "trace", event_type must be of type str or None.	event_type must be of type String or None but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	For each element in "trace" force_retain must be of type bool.	force_retain must be of type Bool but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	For each element in "trace" metadata must be of type dict.	metadata must be of type Dict but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	Value of "vehicle_type" in payload must be of type str.	<key_name> must be of type String but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	Value of "vehicle_speed" in payload must be of type int or float.	<key_name> must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If ping_id an element in "trace" is not of datatype str.	ping_id must be of type String but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If ping_id is present in some of the pings but not all.	ping_id must be present in either all of the pings or in none of the pings
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `csv_file_path` parameter for convert_csv_to_trace_payload function is not of data type str.	csv_file_path must be of type String but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `vehicle_type` parameter for convert_csv_to_trace_payload function is not of data type str.	vehicle_type must be of type String but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `vehicle_speed` parameter for convert_csv_to_trace_payload function is not of data type str.	vehicle_speed must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `force_retain_event_types` parameter for convert_csv_to_trace_payload function is not of data type bool.	force_retain_event_types must be of type Bool but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `max_dist_bw_consecutive_pings` parameter for add_stop_events_info function is not of data type int or float.	max_dist_bw_consecutive_pings must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `max_dist_for_merging_stop_points` parameter for add_stop_events_info function is not of data type int or float.	max_dist_for_merging_stop_points must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `min_size` parameter for add_stop_events_info function is not of data type int.	min_size must be of type Int but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `min_staying_time` parameter for add_stop_events_info function is not of data type int.	min_staying_time must be of type Int but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `osrm_url` parameter for interpolate_trace function is not of data type str.	osrm_url must be of type String but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `min_dist_from_prev_ping` parameter for interpolate_trace function is not of data type int or float.	min_dist_from_prev_ping must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `max_dist_from_prev_ping` parameter for interpolate_trace function is not of data type int or float.	max_dist_from_prev_ping must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `osrm_url` parameter for map_match_trace function is not of data type str.	osrm_url must be of type String but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `ping_batch_size` parameter for map_match_trace function is not of data type int.	ping_batch_size must be of type Int but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `map_matching_radius` parameter for map_match_trace function is not of data type int or float.	map_matching_radius must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `avg_snap_distance` parameter for map_match_trace function is not of data type int or float.	avg_snap_distance must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `max_matched_dist_to_raw_dist_ratio` parameter for map_match_trace function is not of data type int or float.	max_matched_dist_to_raw_dist_ratio must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `impute_distorted_pings_with_angle` parameter for max_delta_angle function is not of data type int or float.	max_delta_angle must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `max_dist_ratio` parameter for impute_distorted_pings_with_distance function is not of data type int or float.	max_dist_ratio must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If `min_dist_bw_consecutive_pings` parameter for remove_nearby_pings function is not of data type int or float.	min_dist_bw_consecutive_pings must be of type Int or Float but found <data_type>
ValidationException	4003	VALUE_EXCEPTION_CODE	If an element in "trace" is an empty list.	<key_name> cannot be an empty list
ValidationException	4003	VALUE_EXCEPTION_CODE	For each element in ["trace"] if error_radius is not None, then it must be zero or greater.	error_radius cannot be negative
ValidationException	4003	VALUE_EXCEPTION_CODE	Value of "vehicle_speed" in payload must be positive.	vehicle_speed cannot be less than or equal to zero
ValidationException	4003	VALUE_EXCEPTION_CODE	If `vehicle_speed` parameter for convert_csv_to_trace_payload function is less than or equals to zero	vehicle_speed cannot be less than or equal to zero
ValidationException	4003	VALUE_EXCEPTION_CODE	If `max_dist_bw_consecutive_pings` parameter for add_stop_events_info function is not positive.	max_dist_bw_consecutive_pings cannot be less than or equal to zero
ValidationException	4003	VALUE_EXCEPTION_CODE	If `max_dist_for_merging_stop_points` parameter for add_stop_events_info function is not positive.	max_dist_for_merging_stop_points cannot be less than or equal to zero
ValidationException	4003	VALUE_EXCEPTION_CODE	If `min_size` parameter for add_stop_events_info function is less than 2.	min_size cannot be less than 2
ValidationException	4003	VALUE_EXCEPTION_CODE	If `min_staying_time` parameter for add_stop_events_info function is not positive.	min_staying_time cannot be less than or equal to zero

Exception	Error Code	Error Code Category	Error Details	Error Message
ValidationException	4003	VALUE_EXCEPTION_CODE	If `max_dist_from_prev_ping` parameter for interpolate_trace function is not positive.	max_dist_from_prev_ping cannot be less than or equal to zero
ValidationException	4003	VALUE_EXCEPTION_CODE	If `min_dist_from_prev_ping` parameter for interpolate_trace function is not positive.	min_dist_from_prev_ping cannot be less than or equal to zero
ValidationException	4003	VALUE_EXCEPTION_CODE	If `min_dist_from_prev_ping` is greater than `max_dist_from_prev_ping`.	min_dist_from_prev_ping must be less than max_dist_from_prev_ping
ValidationException	4003	VALUE_EXCEPTION_CODE	If `ping_batch_size` parameter for map_match_trace function is less than 2.	ping_batch_size cannot be less than 2
ValidationException	4003	VALUE_EXCEPTION_CODE	If `map_matching_radius` parameter for map_match_trace function is negative.	map_matching_radius cannot be negative
ValidationException	4003	VALUE_EXCEPTION_CODE	If `avg_snap_distance` parameter for map_match_trace function is negative.	avg_snap_distance cannot be negative
ValidationException	4003	VALUE_EXCEPTION_CODE	If `max_matched_dist_to_raw_dist_ratio` parameter for map_match_trace function is negative.	max_matched_dist_to_raw_dist_ratio cannot be negative
ValidationException	4003	VALUE_EXCEPTION_CODE	If `max_delta_angle` parameter for impute_distorted_pings_with_angle function is negative.	max_delta_angle cannot be negative
ValidationException	4003	VALUE_EXCEPTION_CODE	If `max_delta_angle` parameter for impute_distorted_pings_with_angle function is greater than 180.	Parameter max_delta_angle can have value only in range [0 to 180], but got <value>
ValidationException	4003	VALUE_EXCEPTION_CODE	If `max_dist_ratio` parameter for impute_distorted_pings_with_distance function is less than 1.	max_dist_ratio can not be less than 0, but got <value>
ValidationException	4003	VALUE_EXCEPTION_CODE	If `min_dist_bw_consecutive_pings` parameter for remove_nearby_pings function is negative.	min_dist_bw_consecutive_pings cannot be negative
ValidationException	4003	VALUE_EXCEPTION_CODE	If duplicate ping_ids are present	Expected values for 'ping_id' to be unique, but found duplicate values
ValidationException	4003	VALUE_EXCEPTION_CODE	If length of a string ping_id in a ping is zero	ping_id can not be an empty string
ValidationException	4004	INVALID_TIME_EXCEPTION_CODE	For each element in "trace", unix timstamp must be within range [0, 2145916800000].	timestamp must be within range [0, 2145916800000] but found timestamp = <value>
ValidationException	4005	INVALID_COORDS_EXCEPTION_CODE	For each element in ["trace"] latitude must be within range [-90 to 90].	Input latitude must be within range [-90 to 90] but found latitude = <value>
ValidationException	4005	INVALID_COORDS_EXCEPTION_CODE	For each element in ["trace"] longitude must be within range [-180 to 180].	Input longitude must be within range [-180 to 180] but found longitude = <value>
InputOutputException	1001	FILE_READ_ERROR_CODE	In convert_csv_to_trace_payload function, if attempt to read CSV file at given path results in an error.	Unable to read input CSV file
InputOutputException	1002	MANDATORY_COLUMN_ERROR_CODE	In convert_csv_to_trace_payload function, if any of ["latitude", "longitude", "timestamp"] columns are absent in CSV file at given path.	Expected column: '<column_name>' missing from the input CSV file
OSRMException	2001	CONNECTION_ERROR_CODE	If attempt to query OSRM server for a service results in error.	Can not connect to OSRM server at URL <url>
Output Feasbility Check Exceptions				
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If any of ["ping_id", "input_latitude", "input_longitude", "timestamp", "error_radius", "event_type", "force_retain", "cleaned_latitude", "cleaned_longitude", "update_status", "last_updated_by", "stop_event_status", "cumulative_stop_event_time", "representative_stop_event_latitude", "representative_stop_event_longitude", "stop_event_sequence_number", "time_since_prev_ping", "dist_from_prev_ping", "cleaned_trace_cumulative_dist", "cleaned_trace_cumulative_time"] keys is missing from a ping in "cleaned_trace" key in output.	Expected key: <key_name> missing from the dictionary
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If a ping in "cleaned_trace" key in output has key other than ["ping_id", "input_latitude", "input_longitude", "timestamp", "error_radius", "event_type", "force_retain", "cleaned_latitude", "cleaned_longitude", "update_status", "last_updated_by", "stop_event_status", "cumulative_stop_event_time", "representative_stop_event_latitude", "representative_stop_event_longitude", "stop_event_sequence_number", "time_since_prev_ping", "dist_from_prev_ping", "cleaned_trace_cumulative_dist", "cleaned_trace_cumulative_time"]	Unexpected key provided in ping dictionary
ValidationException	4001	INPUT_KEY_ERROR_EXCEPTION_CODE	Each key in metadata of a ping in "cleaned_trace" key in output must be of type str	Expected keys of only string type in metadata dictionary
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If any of ["total_pings_in_input", "total_non_null_pings_in_input", "total_non_null_pings_in_output", "total_trace_time", "unchanged_percentage", "drop_percentage", "updation_percentage", "interpolation_percentage", "total_execution_time"] keys is missing from "cleaning_summary" key in output.	Expected key: <key_name> missing from the dictionary
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If "cleaning_summary" key in output has key other than ["total_pings_in_input", "total_pings_in_output", "total_trace_time", "unchanged_percentage", "drop_percentage", "updation_percentage", "interpolation_percentage", "total_execution_time"]	Unexpected key provided in cleaning_summary dictionary
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If any of ["cumulative_distance_of_raw_trace", "cumulative_distance_of_clean_trace", "percent_reduction_in_dist"] keys is missing from "distance_summary" key in output.	Expected key: <key_name> missing from the dictionary
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If any of ["stop_events_info", "global_stop_events_info"] keys is missing from "stop_summary" key in output.	Expected key: <key_name> missing from the dictionary
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If "stop_summary" key in output has keys other than ["stop_events_info", "global_stop_events_info"]	Unexpected key provided in stop_summary dictionary
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If any of ["total_trace_time", "total_stop_events_time", "stop_event_percentage"] keys is missing from "global_stop_event_info" in "stop_summary" key in output.	Expected key: <key_name> missing from the dictionary

Exception	Error Code	Error Code Category	Error Details	Error Message
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If any of ["total_trace_time", "total_stop_events_time", "stop_event_percentage"] keys is missing from "global_stop_event_info" in "stop_summary" key in output.	Expected key: <key_name> missing from the dictionary
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If any of ["stop_event_sequence_number", "start_time", "end_time", "total_stop_event_time", "number_of_pings", "representative_latitude", "representative_longitude"] keys is missing from an element in "stop_event_info" in "stop_summary" key in output.	Expected key: <key_name> missing from the dictionary
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If any of ["cleaned_trace", "cleaning_summary", "distance_summary", "stop_summary"] keys is missing from output.	Expected key: <key_name> missing from the dictionary
ValidationException	4001	KEY_ERROR_EXCEPTION_CODE	If output has keys other than ["cleaned_trace", "cleaning_summary", "distance_summary", "stop_summary"]	Unexpected key provided in clean trace output dictionary
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If a ping in "cleaned_trace" key in output is not of type str	ping must be of type Dict but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If a ping in "cleaned_trace" key in output is an empty dict	ping is an empty dictionary
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If any of ["input_latitude", "input_longitude", "cleaned_latitude", "cleaned_longitude", "representative_stop_event_latitude", "representative_stop_event_longitude", "error_radius"] keys in a ping in "cleaned_trace" key is of type other than int, float or None.	<key_name> must be of type Int, Float or None but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If any of ["timestamp", "stop_event_sequence_number"] keys in a ping in "cleaned_trace" key is of type other than int.	<key_name> must be of type Int but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If any of ["time_since_prev_ping", "dist_from_prev_ping", "cleaned_trace_cumulative_dist", "cleaned_trace_cumulative_time"] keys in a ping in "cleaned_trace" key is of type other than int, float, None	<key_name> must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If any of ["force_retain", "stop_event_status"] keys in a ping in "cleaned_trace" key is of type other than bool	<key_name> must be of type Int or Bool but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If "metadata" in a ping in "cleaned_trace" key is of type other than dict	<key_name> must be of type Dict but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If any of ["event_type", "update_status", "last_updated_by", "ping_id", "cumulative_stop_event_time"] keys in a ping in "cleaned_trace" key is of type other than str	<key_name> must be of type String but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If "cleaning_summary" key in output is not of type dict	cleaning_summary must be of type Dict but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If "cleaning_summary" key in output is an empty dict	cleaning_summary is an empty dictionary
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If any of ["total_pings_in_input", "total_non_null_pings_in_input", "total_non_null_pings_in_output"] keys in "cleaning_summary" in output is not of type int	<key_name> must be of type Int but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If "total_trace_time" in "cleaning_summary" in output is not of type str	<key_name> must be of type String but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If any of ["unchanged_percentage", "drop_percentage", "updation_percentage", "interpolation_percentage", "total_execution_time"] keys in "cleaning_summary" in output is not of type int or float	<key_name> must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If any of ["drop_percentage", "cumulative_distance_of_raw_trace", "cumulative_distance_of_clean_trace", "percent_reduction_in_dist"] keys in "distance_summary" in output is not of type int or float	<key_name> must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If any of ["stop_events_info", "global_stop_events_info"] keys in "stop_summary" in output is not of type dict	<key_name> must be of type Dict but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If any of ["stop_event_sequence_number", "number_of_pings"] keys in in an element in "stop_events_info" in "stop_summary" in output is not of type int	<key_name> must be of type Int but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If any of ["start_time", "end_time", "total_stop_event_time"] keys in in an element in "stop_events_info" in "stop_summary" in output is not of type str	<key_name> must be of type String but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If any of ["representative_latitude", "representative_longitude"] keys in in an element in "stop_events_info" in "stop_summary" in output is not of type int or float	<key_name> must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If "stop_event_percentage" in "global_stop_events_info" key in "stop_summary" in output is not of type int or float	<key_name> must be of type Int or Float but found <data_type>
ValidationException	4002	DATA_FORMAT_EXCEPTION_CODE	If any of ["total_trace_time", "total_stop_events_time"] keys in "global_stop_events_info" in "stop_summary" in output is not of type str	<key_name> must be of type str but found <data_type>
ValidationException	4003	VALUE_EXCEPTION_CODE	If any of ["error_radius", "time_since_prev_ping", "dist_from_prev_ping", "cleaned_trace_cumulative_dist", "cleaned_trace_cumulative_time"] keys in a ping in "cleaned_trace" key has negative value.	<key_name> cannot be negative
ValidationException	4003	VALUE_EXCEPTION_CODE	If any of ["total_pings_in_input", "total_non_null_pings_in_input", "total_non_null_pings_in_output", "unchanged_percentage", "drop_percentage", "updation_percentage", "interpolation_percentage", "total_execution_time"] keys in "cleaning_summary" in output has negative value.	<key_name> cannot be negative
ValidationException	4003	VALUE_EXCEPTION_CODE	If any of ["cumulative_distance_of_raw_trace", "cumulative_distance_of_clean_trace", "percent_reduction_in_dist"] keys in "distance_summary" in output has negative value.	<key_name> cannot be negative
ValidationException	4003	VALUE_EXCEPTION_CODE	If number_of_pings in info for a stop event in "stop_summary" in output has negative value.	number_of_pings cannot be negative
ValidationException	4003	VALUE_EXCEPTION_CODE	If stop_event_percentage in "global_stop_events_info" in "stop_summary" in output has negative value.	stop_event_percentage cannot be negative
ValidationException	4003	VALUE_EXCEPTION_CODE	If latitude and longitude of all pings in input is None	Trace should have at least one ping with non null latitude and longitude
ValidationException	4003	VALUE_EXCEPTION_CODE	If sum of unchanged_percentage, drop_percentage, updation_percentage and interpolation_percentage is less than 99.9.	Sum of percentages of various update statuses should be at least 99.9
ValidationException	4003	VALUE_EXCEPTION_CODE	If total_non_null_pings_in_input in cleaning_summary is greater than total_pings_in_input.	total_non_null_pings_in_input cannot be greater than total_pings_in_input

Exception	Error Code	Error Code Category	Error Details	Error Message
ValidationException	4003	VALUE_EXCEPTION_CODE	If total_pings_in_input in cleaning_summary is not equal to number of pings in input payload.	total_pings_in_input in cleaning_summary must be equal to number of pings in input payload
ValidationException	4004	INVALID_TIME_EXCEPTION_CODE	For each ping in "cleaned_trace" in output, its unix timstamp must be within range [0, 2145916800000].	timestamp must be within range [0, 2145916800000] but found timestamp = <XYZ>
ValidationException	4005	INVALID_COORDS_EXCEPTION_CODE	For each ping in "cleaned_trace" in output, keys in ["input_latitude", "cleaned_latitude", "representative_stop_event_latitude"] must be within range [-90 to 90].	<key_name> must be within range [-90 to 90] but found latitude = <xyz>
ValidationException	4005	INVALID_COORDS_EXCEPTION_CODE	For each ping in "cleaned_trace" in output, keys in ["input_longitude", "cleaned_longitude", "representative_stop_event_longitude"] must be within range [-180 to 180].	<key_name> must be within range [-180 to 180] but found longitude = <xyz>