The data stored in multiple folders including:

- Behavioral data processed with E-prime software stored in “Behavioral_data” folder. The folder includes behavioral signals and the Chronos keypad recordings during the Calming and Vexing session:
    - The file names are encoded as: {"name of the session","Subject number",".csv"}

- Physiological data collected via Biopac stored in “Biopac_data” folder. The folders include raw physiological signals recorded via Biopac configuration for all the studied subjects.
    - The recorded signals include:
        - Electrodermal Activity (EDA) stored in "EDA" folder
        - Electrocardiogram (ECG) stored in "ECG" folder
        - Photoplethysmography (PPG) stored in "PPG" folder
        - Respiration (RESP) stored in "RESP" folder
        - Electromyogram (EMG) stored in "EMG" folder
        - Data saved as {"Subject number","gender_”,”type of data (e.g., EDA, ECG)”} in CSV format.
    - The Timing folder includes the trigger information with respect to onset of Biopac recording:
        - for each block saved as: {"Subject number","gender","_Triggers_block.csv"}
        - for each trial saved as: {"Subject number","gender","_Triggers_trial.csv"}
    - The raw Biopac data has the sampling frequency of 2 kHz, and recordings start from 0.

- Facial expression scores processed with Face Reader software stored called the Nodulus in “Face_reader_data” folder. The facial expression scores for each subject can be found in the subject's folder (e.g., subject_3F). In the subject's folder:
    - The videos were taken in serial and their time stamps are given.
    - Each video contains a *_state.txt and *_detailed.txt containing the most probable state and probability distribution of each state for each timestamp respectively.
    - The onset of the first video is available in the de-identified time with respect to unix time.
    - Video 2, 3 , ... are right after the previous video.
    - Please use the onset of the first video to align the data with Biopac data.

- fNIRS data collected via NIRSport 2, processed with Nirslab software [15], and stored in “fNIRS_data” folder.
    - The processed total hemoglobin (tothb), oxygenated hemoglobin (ohb), deoxygenated hemoglobin (dohb), and saturated oxygen level (O2) data in millimole (mmol) for each subject and 44 channels are available through folders in CSV format.
        - data saved as: {"Subject number","gender_”,”type of data (e.g., dohb,)”}
    - The recording start time is 0 and the sampling frequency is 7.6294 Hz.
    - The trigger information and sessions timings with respect to onset of fNIRS recording are available in excel files for each subject, and that data is saved as: {"Subject number","gender_Triggers.csv”}
    - The timing of triggers can be used for the purpose of synchronization with Biopac data.

- Physiological signals collected via the Empatica device are stored in “Empatica_data" in the ".csv" format. The data collected via Empatica device for each subject can be found in the subject's folder (e.g., "Subject_3F). In the subject's folders, .csv files in this archive are in the following format:
    - The first row is the initial time of the session expressed as a de-identified timestamp with respect to unix timestamp in UTC. The second row is the sample rate expressed in Hz.
        - TEMP.csv: Data from temperature sensor expressed degrees on the Celsius (°C) scale.
        - EDA.csv: Data from the electrodermal activity sensor expressed as microsiemens (µS).
        - BVP.csv: Data from photoplethysmograph.
        - ACC.csv: Data from 3-axis accelerometer sensor. The accelerometer is configured to measure acceleration in the range [-2g, 2g]. Therefore, the unit in this file is 1/64g. Data from x, y, and z axis are respectively in the first, second, and third columns.
        - IBI.csv: Time between individuals heart beats extracted from the BVP signal. No sample rate is needed for this file. The first column is the time (with respect to the initial time) of the detected inter-beat interval expressed in seconds (s). The second column is the duration in seconds (s) of the detected inter-beat interval (i.e., the distance in seconds from the previous beat).

- HR.csv: Average heart rate extracted from the BVP signal. The first row is the initial time of the session expressed as a unix timestamp in UTC. The second row is the sample rate expressed in Hz.
- tags.csv: Event mark times. Each row corresponds to a physical button press on the device; the same time as the status LED is first illuminated. The time is expressed as a de-identified timestamp with respect to the unix timestamp in UTC; and it is synchronized with initial time of the session indicated in the related data files from the corresponding session.