**Research type of data gathered by device: BNO055**

The BNO055 can output the following sensor data:

* **Absolute Orientation** (Euler Vector, 100Hz) Three axis orientation data based on a 360° sphere
* **Absolute Orientation** (Quatenrion, 100Hz) Four-point quaternion output for more accurate data manipulation
* **Angular Velocity Vector** (100Hz) Three axis of 'rotation speed' in rad/s
* **Acceleration Vector**(100Hz) Three axis of acceleration (gravity + linear motion) in m/s^2
* **Magnetic Field Strength Vector** (20Hz) Three axis of magnetic field sensing in micro-Tesla (uT)
* **Linear Acceleration Vector** (100Hz) Three axis of linear acceleration data (acceleration minus gravity) in m/s^2
* **Gravity Vector** (100Hz) Three axis of gravitational acceleration (minus any movement) in m/s^2
* **Temperature** (1Hz) Ambient temperature in degrees celsius