

## **DESCRIPTION OF FIELDS**

### **Device Signals**

<b>FIELD NAME</b>	<b>DESCRIPTION</b>
TIMESTAMP	A datetime timestamp in UTC, formatted as a DBMS timestamp for the observation
LATITUDE	The latitude in decimal degrees in accordance with the World Geodesic System (WGS 84)
LONGITUDE	The longitude in decimal degrees in accordance with the World Geodesic System (WGS 84)
LOCATIONSERVICE	The location service, such as GPS, that the device operating system used to determine the location of the device. This data field is often NULL.
DEVICEADVERTISERID	The advertiser identifier of the mobile device.
DEVICEADVERTISERIDTYPE	The advertiser identifier type for the mobile device. For Android devices, the type given is usually AAID. For iOS devices the type given is usually IDFA.
BACKGROUND	Whether or not the app was in the foreground when the observation was made. This field is often NULL.
IPADDRESS	The Internet Protocol (IP) address of the network end point that the device is connected to. The IP address is not always available and when it is not available, the value NULL is provided.
HA	The horizontal accuracy (HA) provided by the mobile operating system, in meters.
HASHEDAPPID	The hashed app identifier if available. The hashed app identifier is not always available and when it is not available, the value NULL is provided. The un-hashed app identifier is not in our data.

### **Device User Agent**

<b>FIELD NAME</b>	<b>DESCRIPTION</b>
USERAGENT	The HyperText Transfer Protocol (HTTP) user agent string.