**Data Dictionary: peddata**

Processed signal data (aggregated by hour and phase) generated by the application of the regression models for the signals in the prototype visualization.

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| *Column* | *Description* |
| **General information** | |
| SIGNAL | Signal ID for the intersection (see <https://udottraffic.utah.gov/atspm/>) |
| TIME1 | Start time |
| TIME2 | End time |
| TDIFF | Duration in minutes (= TIME2 – TIME1) |
| P | Phase number associated with crossing (usually one of: 2, 4, 6, 8) |
| **Data assembled from traffic signal controller logs** (see <https://docs.lib.purdue.edu/jtrpdata/3/>) | |
| A00 | # phase on (event code 0) |
| A21 | # pedestrian begin walk (event code 21) |
| A45 | # pedestrian call registered (event code 45) |
| A90 | # pedestrian detector on (event code 90) |
| A45A | # pedestrian actuations (imputed; # times 90 after 0 or 22) |
| A45B | # pedestrian actuations (imputed; # times 90 after 0 or 21) |
| A45C | # pedestrian actuations (imputed, # times 90 after 0) |
| A90A | # unique pedestrian detections (imputed; # 90s at least 5 seconds apart) |
| A90B | # unique pedestrian detections (imputed; # 90s at least 10 seconds apart) |
| A90C | # unique pedestrian detections (imputed; # 90s at least 15 seconds apart) |
| **Fields generated for applying the models** | |
| TDMAX | Maximum time difference (in minutes) between successive events (on any phase) during the hour (used in the script to detect missing data) |
| HOUR | Hour of the day (0-23) |
| MISS | TRUE if hour may contain missing data |
| RECALL | TRUE if phase is likely on pedestrian recall during the hour |
| CYCLE | Approximate average cycle length (= TDIFF ÷ A00) |
| HAWK | TRUE if signal is a HAWK signal (pedestrian hybrid beacon) |
| GROUP | Average pedestrian activity level of signal (1 = high, 2 = low) |
| PED | Model-estimated pedestrian crossing volume for that crossing during the hour |