## Bart and Weather data schema

**wind-table**

| unx-Hour( PK) | unix-date (Pk) | degree | speed |
|---|---|---|---|
| | | 30 | 16 |

**main-temp-table**

| unx-Hour( PK) | unix-date (Pk) | humidity | pressure | temp | temp_max | temp_min |
|---|---|---|---|---|---|---|
| | | | | | | |

**weather-description-table**

| unx-Hour( PK) | unix-date (Pk) | weather description |
|---|---|---|
| | | cloudy |

**location-table**

| unx-Hour( PK) | unix-date (Pk) | name |
|---|---|---|
| | | San Francisco |

**Bart-arrival-table**

| unix-Hour (fk) | date-from-unix (fk) | sf-time (pk) | origin station (pk) | direction (pk) | destination station | minutes til arrival |
|---|---|---|---|---|---|---|
| | | 16th mission | N | | Pittsburg Bay Point | |

**Bart-physical-train-info-table**

| unix-Hour (fk) | date-from-unix (fk) | sf-time (pk) | origin station (pk) | direction (pk) | destination station | color | bike_flag | train_size | capacity |
|---|---|---|---|---|---|---|---|---|---|
| | | 16th mission | N | | Pittsburg Bay Point | green | 1 | 10 | 2000 |

**Historic-weather-data**

| avg-temp | temp-low | temp-high | humudity-avg | seapress-avg | wind-avg | precip-inches | month_n (pk) | day_of_month (pk) |
|---|---|---|---|---|---|---|---|---|
| | | | | | | | | |

**Historical-bart-data**

| IndexedStation | month_n (pk) | day_of_month (pk) | total_exits |
|---|---|---|---|
| 7 | 1 | 5 | 4000 |

**GB-model**

| avg-temp | temp-low | temp-high | humidity-avg | seapress-avg | wind-avg | precip-inches | month_n | day_of_month | IndexedStation | total_exits |
|---|---|---|---|---|---|---|---|---|---|---|
| 45 | 32 | 65 | 30 | 20 | 10 | 1 | 2 | 3 | 7 | 9000 |