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| **Feature Name** | **Description of Feature** | **Dtype** | **Range** |
| *Age\_group* | One-hot encoded feature for values: 0 - 5 (*Preschooler)*, 6 -11 (*MiddleChildhood)* and 12-18 years (*Teenager)* | Categorical | 0,1 |
| *Gender* | One-hot encoded feature for values: F (*female*), M (*male*) and *gender\_0* (others) | Categorical | 0,1 |
| *Length\_of\_Episode* | Length of episodes (days) | Numerical | 1 - 6759 |
| *Count\_visit* | Count of patient’s visits(contacts) | Numerical | 0 - 4159 |
| *SD\_CareEvent\_PerMonth* | Standard deviation of number of patient’s visits per month during the episode | Numerical | 0 - 3.3 |
| *Outpatient\_ratio* | Ratio of outpatient visits out of total visits (inpatient and outpatient) | Numerical | 0 - 1 |
| *Inpatient\_day\_ratio* | Ratio of inpatient (day) visits out of total inpatient visits (both day and 24 hours) | Numerical | 0 - 1 |
| *Therapy\_ratio* | Ratio of patient’s visits with the activity type of therapy | Numerical | 0 - 1 |
| *TreatmentPlanning\_ratio* | Ratio of patient’s visits with the activity type of treatment planning | Numerical | 0 - 1 |
| *Advisory\_ratio* | Ratio of patient’s visits with the activity type of advisory | Numerical | 0 - 1 |
| *Num\_diagnoses* | Number of diagnoses | Numerical | 1 - 10 |
| *Num\_medications* | Number of medications | Numerical | 0 - 7 |
| *Diagnoses* | ICD diagnosis codes. It was initially string, later transformed into one-hot encoding for each unique diagnosis | Object (String) | 0,1 |
| *Medications* | ATC medication codes. It was initially string, later transformed into one-hot encoding for each unique medication | Object (String) | 0,1 |