|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Sl no. | Source | Dataset | Description | How attributes are relevant to attributes of dataset in *Data Extraction* section |
| 1. | https://lucidrealty.com/homes-for-sale/zipcodes.php | Real Estate - Houses for Rent, houses for sale | The dataset represents the details of houses for sale/rent in the city of Chicago. The data set can be used to retrieve various details about the houses such as value, location, landlord reviews, reliability etc. This can then be used to compare similar house details. | The location attributes of this dataset are relevant to the location attributes of the Crime dataset. The two can be combined to retrieve information about safety of the neighborhoods before purchasing a house. It can also be related to the Demographics dataset to determine the preferred location and price range for various demographics. |
| 2. | https://cps.edu/SchoolData/Pages/SchoolData.aspx | Chicago Public School data | The dataset represents the data aggregated for schools such as accountability reports, assessment reports and demographics. This can be used to assess school performances and study overall student performances. | This dataset can be related to the Demographics dataset to study the diversity of an area and the school's students attend in an area. The dataset can also be combined with the Crime dataset to correlate the dropout patterns and crimes involving juveniles. |
| 3. | http://www.cata.info/publication/chicago\_auto\_outlook\_archive/ | Car sales data | This dataset contains details of car sales by month. It can be used to determine trends in car sales by company and determine which cars get more sales. | The dataset can be related to the Census dataset to determine what families own what type of cars in order to increase sales. It can also be combined with the Demographics dataset to target specific demographics for car sales. |
| 4. | https://catalog.data.gov/dataset/sex-offenders-938b3 | Chicago Crime Data | This data represents Chicago area Sex Offenders. The data is maintained by the CPD and was most recently updated this February of 2018. It breaks down the entries using the offenders’ names, gender and some more basic information. | Some fields in the data set can be evaluated to draw larger conclusions from the large set of data. Patterns such as sex offender age can be aggregated with the sex offender’s race to establish a prime range which covers a majority of sex offenders. |