A description of the data and how it will be used to solve the problem

Data source: UCLA geoportal
Data: Los Angeles Building and Safety Permit 2013-2018
Data source Website URL:
https://apps.gis.ucla.edu/geodata/dataset/los-angeles-building-and-safety-permit-2013-2018

Data type: CSV file
Data url:
https://data.lacity.org/A-Prosperous-City/Building-and-Safety-Permit-Information/yv23-pmwf

Current Fields of data:
Assessor Book, Assessor Page, Assessor Parcel, Tract, Block, Lot, Reference # (Old Permit #), PCIS Permit #, Status, Status Date, Permit Type, Permit Sub-Type, Permit Category, Project Number, Event Code, Initiating Office, Issue Date, Address Start, Address Fraction Start, Address End, Address Fraction End, Street Direction, Street Name, Street Suffix, Suffix Direction, Unit Range Start, Unit Range End, Zip Code, Work Description, Valuation, Floor Area-L.A. Zoning Code Definition, # of Residential Dwelling Units, # of Stories, Contractor's Business Name, Contractor Address, Contractor City, Contractor State, License Type, License #, Principal First Name, Principal Middle Name, Principal Last Name, License Expiration Date, Applicant First Name, Applicant Last Name, Applicant Business Name, Applicant Address 1, Applicant Address 2, Applicant Address 3, Zone, Occupancy, Floor Area-L.A. Building Code Definition, Census Tract, Council District, **Latitude/Longitude**, Applicant Relationship

Current Number of Records: 786,022
Note: the number may change after normalization

The important independent fields that will be used:
Latitude/Longitude,
Permit Type (type of the job done: for example, plumbing, electrical),
Address (including: zip code, and other details),
Work Description (for example: painting, sprinkle, adding lights in the yard),
Valuation (cost),
Occupancy,
Note: Because of the records availability in each field, the fields may be different after normalization.