

Data Dictionary

Google Maps

metadata_sites

The folder contains 11 .json files where the metadata is available, containing information about the business, including location, attributes, and categories.

```
// 'name': 'Walgreens Pharmacy',  
  
// 'address': 'Walgreens Pharmacy, 124 E North St, Kendallville, IN 46755',  
  
// 'gmap_id': '0x881614ce7c13acbb:0x5c7b18bbf6ec4f7e',  
  
// 'description': 'Department of the Walgreens chain providing prescription medications &  
other health-related items.',  
  
// 'latitude': 41.451859999999996,  
  
// 'longitude': -85.2666757,  
  
// 'category': ['Pharmacy'],  
  
// 'avg_rating': 4.2,  
  
// 'num_of_reviews': 5,  
  
// 'price': '$$',  
  
// 'hours': [['Thursday', '8AM–1:30PM'], ['Friday', '8AM–1:30PM'], ['Saturday', '9AM–1:30PM'],  
['Sunday', '10AM–1:30PM'], ['Monday', '8AM–1:30PM'], ['Tuesday', '8AM–1:30PM'],  
['Wednesday', '8AM–1:30PM']],  
  
// 'MISC': {  
  
  'Service options': ['Curbside pickup', 'Drive-through', 'In-store pickup', 'In-store shopping'],  
  
  'Health & safety': ['Mask required', 'Staff wear masks', 'Staff get temperature checks'],  
  
  'Accessibility': ['Wheelchair accessible entrance', 'Wheelchair accessible parking lot'],  
  
  'Planning': ['Quick visit'],  
  
  'Payments': ['Checks', 'Debit cards']  
},  
  
// 'state': 'Closes soon · 1:30PM · Reopens 2PM',  
  
// 'relative_results': ['0x881614cd49e4fa33:0x2d507c24ff4f1c74',
```

```
'0x8816145bf5141c89:0x535c1d605109f94b',
'0x881614cda24cc591:0xca426e3a9b826432',
'0x88162894d98b91ef:0xd139b34de70d3e03',
'0x881615400b5e57f9:0xc56d17dbe420a67f'],
// 'url':
'https://www.google.com/maps/place//data=!4m2!3m1!1s0x881614ce7c13acb:0x5c7b18bbf6ec4f7e?authuser=-1&hl=en&gl=us'
```

review_states

The files where user reviews are available (51 folders, one for each US state, with several .json files each) are structured as follows:

```
// 'user_id': '101463350189962023774',
// 'name': 'Jordan Adams',
// 'time': 1627750414677,
// 'rating': 5,
// 'text': 'Cool place, great people, awesome dentist!',
// 'pics': [
  {
    'url':
['https://lh5.googleusercontent.com/p/AF1QipNq2nZC5TH4_M7h5xRAd61hoTgvY1o9lozABgul=w150-h150-k-no-p']
  }
],
// 'resp': {
  'time': 1628455067818,
  'text': 'Thank you for your five-star review! -Dr. Blake'
},
// 'gmap_id': '0x87ec2394c2cd9d2d:0xd1119cfbee0da6f3'
```

Dataset Yelp!

business.pkl

Contains information about businesses, including location, attributes, and categories.

```
{  
  "business_id": "tnhfDv5Il8EaGSXZGiuQGg",  
  "name": "Garaje",  
  "address": "475 3rd St",  
  "city": "San Francisco",  
  "state": "CA",  
  "postal code": "94107",  
  "latitude": 37.7817529521,  
  "longitude": -122.39612197,  
  "stars": 4.5,  
  "review_count": 1198,  
  "is_open": 1,  
  "attributes": {  
    "RestaurantsTakeOut": true,  
    "BusinessParking": {  
      "garage": false,  
      "street": true,  
      "validated": false,  
      "lot": false,  
      "valet": false  
    }  
  },  
  "categories": [  
    "Mexican",
```

```
"Burgers",  
"Gastropubs"  
],  
"hours": {  
  "Monday": "10:00-21:00",  
  "Tuesday": "10:00-21:00",  
  "Friday": "10:00-21:00",  
  "Wednesday": "10:00-21:00",  
  "Thursday": "10:00-21:00",  
  "Sunday": "11:00-18:00",  
  "Saturday": "10:00-21:00"  
}  
}
```

review.json

Contains complete reviews, including user_id, business_id, and other details.

```
{  
  "review_id": "zdSx_SD6obEhz9VrW9uAWA",  
  "user_id": "Ha3iJu77CxlrFm-vQRs_8g",  
  "business_id": "tnhfDv5Il8EaGSXZGiuQGg",  
  "stars": 4,  
  "date": "2016-03-09",  
  "text": "Great place to hang out after work: the prices are decent, and the ambiance is fun.  
It's a bit loud, but very lively. The staff is friendly, and the food is good. They have a good  
selection of drinks.",  
  "useful": 0,  
  "funny": 0,  
  "cool": 0
```

```
}
```

user.parquet

User data including references to friends and associated metadata.

```
{  
  "user_id": "Ha3iJu77CxlrFm-vQRs_8g",  
  "name": "Sebastien",  
  "review_count": 56,  
  "yelping_since": "2011-01-01",  
  "friends": [  
    "wqoXYLWmpkEH0YvTmHBsJQ",  
    "KUXLLiJGrjtSsapmxxmpvTA",  
    "6e9rJKQC3n0RSKyHLViL-Q"  
  ],  
  "useful": 21,  
  "funny": 88,  
  "cool": 15,  
  "fans": 1032,  
  "elite": [2012, 2013],  
  "average_stars": 4.31,  
  "compliment_hot": 339,  
  "compliment_more": 668,  
  "compliment_profile": 42,  
  "compliment_cute": 62,  
  "compliment_list": 37,  
  "compliment_note": 356,
```

```
"compliment_plain": 68,  
"compliment_cool": 91,  
"compliment_funny": 99,  
"compliment_writer": 95,  
"compliment_photos": 50  
}
```

checkin.json

Business check-in records.

```
{  
  "business_id": "tnhfDv5Il8EaGSXZGiuQGg",  
  "date": "2016-04-26 19:49:16, 2016-08-30 18:36:57, 2016-10-15 02:45:18, 2016-11-18  
01:54:50, 2017-04-20 18:39:06, 2017-05-03 17:58:02"  
}
```

tip.json

Tips (short suggestions) written by users.

```
{  
  "text": "Secret menu - fried chicken sando is da bombbbbbbb. Their zapatos are good too.",  
  "date": "2013-09-20",  
  "compliment_count": 172,  
  "business_id": "tnhfDv5Il8EaGSXZGiuQGg",  
  "user_id": "49JhAJh8vSQ-vM4Aourl0g"  
}
```