schema.org

The Type Hierarchy

Here is the entire hierarchy in a single file.
Types that have multiple parents are expanded out only once and have an asterisk

DataType
- Boolean
- Date
- Number
  - Float
  - Integer
- Text
  - URL

Thing: description, image, name, url
- CreativeWork: about, accountablePerson, aggregateRating, alternativeHeadline, associatedMedia, audio, author, awards, comment, contentLocation, contentRating, contributor, copyrightHolder, copyrightYear, creator, dateCreated, dateModified, datePublished, discussionUrl, editor, encodings, genre, headline, inLanguage, interactionCount, isFamilyFriendly, keywords, mentions, offers, provider, publisher, publishingPrinciples, reviews, sourceOrganization, thumbnailUrl, version, video
  - Article: articleBody, articleSection, wordCount
    - BlogPosting
    - NewsArticle: dateline, printColumn, printEdition, printPage, printSection
    - ScholarlyArticle
  - Blog: blogPosts
  - Book: bookEdition, bookFormat, illustrator, isbn, numberOfPages
  - ItemList: itemListElement, itemListOrder
  - Map
  - MediaObject: associatedArticle, bitrate, contentSize, contentURL, duration, embedURL, encodesCreativeWork, encodingFormat, expires, height, interactionCount, offers, playerType, regionsAllowed, requiresSubscription, uploadDate, width
    - AudioObject: transcript
    - ImageObject: caption, exifData, representativeOfPage, thumbnail
    - MusicVideoObject

               VideoObject: caption, productionCompany, thumbnail, transcript, videoFrameSize, videoQuality

Movie: actors, director, duration, musicBy, producer, productionCompany, trailer

MusicPlaylist: numTracks, tracks

        MusicAlbum: byArtist

MusicRecording: byArtist, duration, inAlbum, inPlaylist

Painting

Photograph

Recipe: cookTime, cookingMethod, ingredients, nutrition, prepTime, recipeCategory, recipeCuisine, recipeInstructions, recipeYield, totalTime

Review: itemReviewed, reviewBody, reviewRating

Sculpture

TVEpisode: actors, director, episodeNumber, musicBy, partOfSeason, partOfTVSeries, producer, productionCompany, trailer

TVSeason: endDate, episodes, numberOfEpisodes, partOfTVSeries, seasonNumber, startDate, trailer

TVSeries: actors, director, endDate, episodes, musicBy, numberOfEpisodes, producer, productionCompany, seasons, startDate, trailer

WebPage: breadcrumb, isPartOf, mainContentOfPage, primaryImageOfPage, significantLinks

        AboutPage

        CheckoutPage

        CollectionPage

            ImageGallery

            VideoGallery

        ContactPage

        ItemPage

        ProfilePage

        SearchResultsPage

WebPageElement

        SiteNavigationElement

        Table

        WPAdBlock

        WPFooter

        WPHeader

        WPSideBar

Event: attendees, duration, endDate, location, offers, performers, startDate, subEvents, superEvent

        BusinessEvent

        ChildrensEvent

        ComedyEvent

        DanceEvent

        EducationEvent

        Festival

        FoodEvent

        LiteraryEvent

        MusicEvent

        SaleEvent

        SocialEvent

        SportsEvent

        TheaterEvent

      UserInteraction
        UserBlocks
        UserCheckins
        UserComments: commentText, commentTime, creator, discusses, replyToUrl
        UserDownloads
        UserLikes
        UserPageVisits
        UserPlays
        UserPlusOnes
        UserTweets
      VisualArtsEvent
    Intangible
      Enumeration
        BookFormatType
        ItemAvailability
        OfferItemCondition
      JobPosting: baseSalary, benefits, datePosted, educationRequirements, employmentType, experienceRequirements, hiringOrganization, incentives, industry, jobLocation, occupationalCategory, qualifications, responsibilities, salaryCurrency, skills, specialCommitments, title, workHours
      Language
      Offer: aggregateRating, availability, itemCondition, itemOffered, price, priceCurrency, priceValidUntil, reviews, seller
        AggregateOffer: highPrice, lowPrice, offerCount
      Quantity
        Distance
        Duration
        Energy
        Mass
      Rating: bestRating, ratingValue, worstRating
        AggregateRating: itemReviewed, ratingCount, reviewCount
      StructuredValue
        ContactPoint: contactType, email, faxNumber, telephone
          PostalAddress: addressCountry, addressLocality, addressRegion, postOfficeBoxNumber, postalCode, streetAddress
        GeoCoordinates: elevation, latitude, longitude
        GeoShape: box, circle, elevation, line, polygon
        NutritionInformation: calories, carbohydrateContent, cholesterolContent, fatContent, fiberContent, proteinContent, saturatedFatContent, servingSize, sodiumContent, sugarContent, transFatContent, unsaturatedFatContent
   Organization: address, aggregateRating, contactPoints, email, employees, events, faxNumber, founders, foundingDate, interactionCount, location, members, reviews, telephone
      Corporation: tickerSymbol
      EducationalOrganization: alumni
        CollegeOrUniversity
        ElementarySchool
        HighSchool
        MiddleSchool
        Preschool
        School

GovernmentOrganization
LocalBusiness: branchOf, currenciesAccepted, openingHours, paymentAccepted, priceRange
- AnimalShelter
- AutomotiveBusiness
  - AutoBodyShop
  - AutoDealer
  - AutoPartsStore
  - AutoRental
  - AutoRepair
  - AutoWash
  - GasStation
  - MotorcycleDealer
  - MotorcycleRepair
- ChildCare
- DryCleaningOrLaundry
- EmergencyService
  - FireStation
  - Hospital
  - PoliceStation
- EmploymentAgency
- EntertainmentBusiness
  - AdultEntertainment
  - AmusementPark
  - ArtGallery
  - Casino
  - ComedyClub
  - MovieTheater
  - NightClub
- FinancialService
  - AccountingService
  - AutomatedTeller
  - BankOrCreditUnion
  - InsuranceAgency
- FoodEstablishment: acceptsReservations, menu, servesCuisine
  - Bakery
  - BarOrPub
  - Brewery
  - CafeOrCoffeeShop
  - FastFoodRestaurant
  - IceCreamShop
  - Restaurant
  - Winery
- GovernmentOffice
  - PostOffice
- HealthAndBeautyBusiness
  - BeautySalon
  - DaySpa
  - HairSalon
  - HealthClub
  - NailSalon

TattooParlor
HomeAndConstructionBusiness
Electrician
GeneralContractor
HVACBusiness
HousePainter
Locksmith
MovingCompany
Plumber
RoofingContractor
InternetCafe
Library
LodgingBusiness
BedAndBreakfast
Hostel
Hotel
Motel
MedicalOrganization
Dentist
Hospital[*]
MedicalClinic
Optician
Pharmacy
Physician
VeterinaryCare
ProfessionalService
AccountingService[*]
Attorney
Dentist[*]
Electrician[*]
GeneralContractor[*]
HousePainter[*]
Locksmith[*]
Notary
Plumber[*]
RoofingContractor[*]
RadioStation
RealEstateAgent
RecyclingCenter
SelfStorage
ShoppingCenter
SportsActivityLocation
BowlingAlley
ExerciseGym
GolfCourse
HealthClub[*]
PublicSwimmingPool
SkiResort

SportsClub

StadiumOrArena

TennisComplex

Store

AutoPartsStore[*]

BikeStore

BookStore

ClothingStore

ComputerStore

ConvenienceStore

DepartmentStore

ElectronicsStore

Florist

FurnitureStore

GardenStore

GroceryStore

HardwareStore

HobbyShop

HomeGoodsStore

JewelryStore

LiquorStore

MensClothingStore

MobilePhoneStore

MovieRentalStore

MusicStore

OfficeEquipmentStore

OutletStore

PawnShop

PetStore

ShoeStore

SportingGoodsStore

TireShop

ToyStore

WholesaleStore

TelevisionStation

TouristInformationCenter

TravelAgency

NGO

PerformingGroup

DanceGroup

MusicGroup: albums, musicGroupMember, tracks

TheaterGroup

SportsTeam

Person: additionalName, address, affiliation, alumniOf, awards, birthDate, children, colleagues, contactPoints, deathDate, email, familyName, faxNumber, follows, gender, givenName, homeLocation, honorificPrefix, honorificSuffix, interactionCount, jobTitle, knows, memberOf, nationality, parents, performerIn, relatedTo, siblings, spouse, telephone, workLocation, worksFor

Place: address, aggregateRating, containedIn, events, faxNumber, geo, interactionCount, maps, photos, reviews, telephone

AdministrativeArea
- City
- Country
- State

CivicStructure: openingHours
- Airport
- Aquarium
- Beach
- BusStation
- BusStop
- Campground
- Cemetery
- Crematorium
- EventVenue
- FireStation[*]
- GovernmentBuilding
  - CityHall
  - Courthouse
  - DefenceEstablishment
  - Embassy
  - LegislativeBuilding
- Hospital[*]
- MovieTheater[*]
- Museum
- MusicVenue
- Park
- ParkingFacility
- PerformingArtsTheater
- PlaceOfWorship
  - BuddhistTemple
  - CatholicChurch
  - Church
  - HinduTemple
  - Mosque
  - Synagogue
- Playground
- PoliceStation[*]
- RVPark
- StadiumOrArena[*]
- SubwayStation
- TaxiStand
- TrainStation
- Zoo

Landform
- BodyOfWater
  - Canal
  - LakeBodyOfWater
  - OceanBodyOfWater
  - Pond

- Reservoir
- RiverBodyOfWater
- SeaBodyOfWater
- Waterfall
- Continent
- Mountain
- Volcano
- LandmarksOrHistoricalBuildings
- LocalBusiness*
  - AnimalShelter
  - AutomotiveBusiness
    - AutoBodyShop
    - AutoDealer
    - AutoPartsStore*
    - AutoRental
    - AutoRepair
    - AutoWash
    - GasStation
    - MotorcycleDealer
    - MotorcycleRepair
  - ChildCare
  - DryCleaningOrLaundry
  - EmergencyService
    - FireStation*
    - Hospital*
    - PoliceStation*
  - EmploymentAgency
  - EntertainmentBusiness
    - AdultEntertainment
    - AmusementPark
    - ArtGallery
    - Casino
    - ComedyClub
    - MovieTheater*
    - NightClub
  - FinancialService
    - AccountingService*
    - AutomatedTeller
    - BankOrCreditUnion
    - InsuranceAgency
  - FoodEstablishment
    - Bakery
    - BarOrPub
    - Brewery
    - CafeOrCoffeeShop
    - FastFoodRestaurant
    - IceCreamShop
    - Restaurant

Winery
GovernmentOffice
PostOffice
HealthAndBeautyBusiness
BeautySalon
DaySpa
HairSalon
HealthClub[*]
NailSalon
TattooParlor
HomeAndConstructionBusiness
Electrician[*]
GeneralContractor[*]
HVACBusiness
HousePainter[*]
Locksmith[*]
MovingCompany
Plumber[*]
RoofingContractor[*]
InternetCafe
Library
LodgingBusiness
BedAndBreakfast
Hostel
Hotel
Motel
MedicalOrganization
Dentist[*]
Hospital[*]
MedicalClinic
Optician
Pharmacy
Physician
VeterinaryCare
ProfessionalService
AccountingService[*]
Attorney
Dentist[*]
Electrician[*]
GeneralContractor[*]
HousePainter[*]
Locksmith[*]
Notary
Plumber[*]
RoofingContractor[*]
RadioStation
RealEstateAgent

RecyclingCenter

SelfStorage

ShoppingCenter

SportsActivityLocation

BowlingAlley

ExerciseGym

GolfCourse

HealthClub[*]

PublicSwimmingPool

SkiResort

SportsClub

StadiumOrArena[*]

TennisComplex

Store

AutoPartsStore[*]

BikeStore

BookStore

ClothingStore

ComputerStore

ConvenienceStore

DepartmentStore

ElectronicsStore

Florist

FurnitureStore

GardenStore

GroceryStore

HardwareStore

HobbyShop

HomeGoodsStore

JewelryStore

LiquorStore

MensClothingStore

MobilePhoneStore

MovieRentalStore

MusicStore

OfficeEquipmentStore

OutletStore

PawnShop

PetStore

ShoeStore

SportingGoodsStore

TireShop

ToyStore

WholesaleStore

TelevisionStation

TouristInformationCenter

TravelAgency

Residence
    ApartmentComplex
    GatedResidenceCommunity
    SingleFamilyResidence
TouristAttraction
Product: aggregateRating, brand, manufacturer, model, offers, productID, reviews

[Terms and conditions](#)

Residence
    ApartmentComplex
    GatedResidenceCommunity
    SingleFamilyResidence