To apply normalization to your table, you can follow these general steps:

- 1. Identify the functional dependencies between columns in your table.
- 2. Eliminate repeating groups of data by creating new tables for each group.
- 3. Ensure that each table has a primary key that uniquely identifies each row.
- 4. Remove partial dependencies by creating separate tables for attributes that depend on only part of the primary key.
- 5. Eliminate transitive dependencies by creating separate tables for attributes that depend on non-primary key attributes.

Here is an example of how you could apply normalization to the columns you listed:

- 1. First, identify the functional dependencies:
 - RegionUrl -> Region
 - ModelYear -> CarMake, CarModel
 - CarMake, CarModel -> CarCondition, NumCylinders, FuelType, CarSize, CarBodyType
 - OdometerReading -> TitleStatus
 - VehicleIdentificationNum -> DriveType
 - ImageURL -> CarDescription
 - RegionUrl, CarState -> Latitude, Longitude, PostingDate
- 2. Create new tables for each repeating group:
 - CarMake table: CarMakeID (primary key), CarMake
 - CarModel table: CarModelID (primary key), CarModel, CarMakeID (foreign key to CarMake table)
 - CarSize table: CarSizeID (primary key), CarSize
 - CarBodyType table: CarBodyTypeID (primary key), CarBodyType
- 3. Ensure that each table has a primary key:
 - Original table: ID (primary key)
 - CarMake table: CarMakeID (primary key)
 - CarModel table: CarModelID (primary key)
 - CarSize table: CarSizeID (primary key)
 - CarBodyType table: CarBodyTypeID (primary key)
- 4. Create separate tables for attributes that depend on only part of the primary key:
 - CarCondition table: CarConditionID (primary key), CarMakeID (foreign key to CarMake table), CarModelID (foreign key to CarModel table), CarCondition, NumCylinders, FuelType, CarSizeID (foreign key to CarSize table), CarBodyTypeID (foreign key to CarBodyType table)
 - TitleStatus table: TitleStatusID (primary key), TitleStatus
 - DriveType table: DriveTypeID (primary key), DriveType
- 5. Create separate tables for attributes that depend on non-primary key attributes:
 - CarDescription table: CarDescriptionID (primary key), ImageURL, CarDescription
 - Location table: LocationID (primary key), RegionUrl, CarState, Latitude, Longitude, PostingDate