```
CREATE DATABASE  IF NOT EXISTS `motor_collision` /*!40100 DEFAULT CHARACTER SET
utf8mb3 */ /*!80016 DEFAULT ENCRYPTION='N' */;
USE `motor_collision`;
-- MySQL dump 10.13  Distrib 8.0.34, for Win64 (x86_64)
--
-- Host: 127.0.0.1    Database: motor_collision
-- ------------------------------------------------------
-- Server version 8.0.34

/*!40101 SET @OLD_CHARACTER_SET_CLIENT=@@CHARACTER_SET_CLIENT */;
/*!40101 SET @OLD_CHARACTER_SET_RESULTS=@@CHARACTER_SET_RESULTS */;
/*!40101 SET @OLD_COLLATION_CONNECTION=@@COLLATION_CONNECTION */;
/*!50503 SET NAMES utf8 */;
/*!40103 SET @OLD_TIME_ZONE=@@TIME_ZONE */;
/*!40103 SET TIME_ZONE='+00:00' */;
/*!40014 SET @OLD_UNIQUE_CHECKS=@@UNIQUE_CHECKS, UNIQUE_CHECKS=0 */;
/*!40014 SET @OLD_FOREIGN_KEY_CHECKS=@@FOREIGN_KEY_CHECKS, FOREIGN_KEY_CHECKS=0 */;
/*!40101 SET @OLD_SQL_MODE=@@SQL_MODE, SQL_MODE='NO_AUTO_VALUE_ON_ZERO' */;
/*!40111 SET @OLD_SQL_NOTES=@@SQL_NOTES, SQL_NOTES=0 */;


--
-- Table structure for table `collisions`
--

DROP TABLE IF EXISTS `collisions`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `collisions` (
  `Unique_ID` int NOT NULL,
  `Crash_Date` date DEFAULT NULL,
  `Crash_Time` time DEFAULT NULL,
  `Travel_Direction` varchar(45) DEFAULT NULL,
  `Pre_Crash` varchar(45) DEFAULT NULL,
  `Point_of_Contact` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`Unique_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;


--
-- Dumping data for table `collisions`
--

LOCK TABLES `collisions` WRITE;
/*!40000 ALTER TABLE `collisions` DISABLE KEYS */;
INSERT INTO `collisions` VALUES (4228440,'2019-10-24','01:30:00','East','Stopped in
Traffic','Center Back End'),(4228473,'2019-10-24','03:35:00','South','Going
Straight Ahead','Right Front Bumper'),(4228592,'2019-10-
24','07:40:00','West','Making Right Turn','Right Rear Quarter Panel'),
(4228597,'2019-10-24','08:30:00','West','Going Straight Ahead','Left Rear Quarter
Panel'),(4228644,'2019-10-24','10:25:00','East','Going Straight Ahead','Center
Front End'),(4228675,'2019-10-24','08:00:00','East','Going Straight Ahead','Right
Front Quarter Panel'),(4228752,'2019-10-24','13:30:00','West','Making Right
Turn','Left Front Bumper'),(4228826,'2019-10-
24','09:20:00','North','Backing','Center Back End'),(4228839,'2019-10-
24','16:00:00','South','Going Straight Ahead','Right Side Doors'),(4228906,'2019-
10-24','20:00:00','East','Parked','Left Rear Quarter Panel'),(4228907,'2019-10-
24','16:47:00','West','Making Right Turn','Left Front Bumper'),(4228912,'2019-10-
24','16:30:00','East','Going Straight Ahead','Center Front End'),(4228914,'2019-10-
24','16:50:00','East','Going Straight Ahead','Left Front Bumper'),(4228921,'2019-
```

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10-24','11:50:00','East','Slowing or Stopping','Center Front End'),(4228925,'2019-
10-24','21:00:00','West','Going Straight Ahead','Left Rear Bumper'),(4228939,'2019-
10-24','15:30:00','North','Going Straight Ahead','Right Side Doors'),
(4228955,'2019-10-24','23:40:00','East','Going Straight Ahead','Left Side Doors'),
(4228970,'2019-10-24','14:15:00','South','Backing','Left Rear Bumper'),
(4228979,'2019-10-24','19:30:00','East','Going Straight Ahead','Center Front End'),
(4229012,'2019-10-24','14:07:00','Southwest','Making Right Turn','Right Side
Doors'),(4229018,'2019-10-24','21:55:00','South','Going Straight Ahead','Center
Front End'),(4229031,'2019-10-24','22:11:00','South','Going Straight Ahead','Left
Rear Quarter Panel'),(4229059,'2019-10-24','14:05:00','North','Going Straight
Ahead','Right Side Doors'),(4229062,'2019-10-24','17:36:00','South','Changing
Lanes','Left Front Bumper'),(4229067,'2019-10-24','13:15:00','East','Parked','Left
Front Quarter Panel'),(4229068,'2019-10-24','17:45:00','East','Making Right
Turn','Left Front Bumper'),(4229116,'2019-10-24','21:15:00','West','Parked','Left
Side Doors'),(4229127,'2019-10-24','20:30:00','West','Going Straight Ahead','Center
Front End'),(4229131,'2019-10-24','22:20:00','West','Going Straight Ahead','Left
Front Bumper'),(4229190,'2019-10-24','13:00:00','Southwest','Making Left
Turn','Left Rear Quarter Panel'),(4229205,'2019-10-24','12:10:00','East','Entering
Parked Position','Right Front Bumper'),(4229375,'2019-10-
24','14:00:00','East','Making Left Turn','Left Rear Quarter Panel'),(4229434,'2019-
10-24','18:20:00','West','Backing','Center Back End'),(4229528,'2019-10-
24','18:30:00','North','Making U Turn','Left Rear Quarter Panel'),(4229538,'2019-
10-24','17:30:00','North','Going Straight Ahead','Left Rear Quarter Panel'),
(4229653,'2019-10-24','09:45:00','West','Going Straight Ahead','Center Back End');
/*!40000 ALTER TABLE `collisions` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `collisions_vehicles`
--

DROP TABLE IF EXISTS `collisions_vehicles`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `collisions_vehicles` (
  `VEHICLES_Vehicle_ID` int NOT NULL,
  `COLLISIONS_Unique_ID` int NOT NULL,
  PRIMARY KEY (`VEHICLES_Vehicle_ID`,`COLLISIONS_Unique_ID`),
  KEY `fk_VEHICLES_has_COLLISIONS_COLLISIONS1_idx` (`COLLISIONS_Unique_ID`),
  KEY `fk_VEHICLES_has_COLLISIONS_VEHICLES1_idx` (`VEHICLES_Vehicle_ID`),
  CONSTRAINT `fk_VEHICLES_has_COLLISIONS_COLLISIONS1` FOREIGN KEY
(`COLLISIONS_Unique_ID`) REFERENCES `collisions` (`Unique_ID`),
  CONSTRAINT `fk_VEHICLES_has_COLLISIONS_VEHICLES1` FOREIGN KEY
(`VEHICLES_Vehicle_ID`) REFERENCES `vehicles` (`Vehicle_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `collisions_vehicles`
--

LOCK TABLES `collisions_vehicles` WRITE;
/*!40000 ALTER TABLE `collisions_vehicles` DISABLE KEYS */;
INSERT INTO `collisions_vehicles` VALUES (19137605,4228440),(19138211,4228473),
(19139241,4228592),(19138997,4228597),(19138486,4228644),(19139524,4228675),
(19139716,4228752),(19139454,4228826),(19139721,4228839),(19139602,4228906),
(19139591,4228907),(19139431,4228912),(19138956,4228914),(19138903,4228921),
(19139436,4228925),(19138926,4228939),(19139288,4228955),(19139681,4228970),
(19139689,4228979),(19139060,4229012),(19139096,4229018),(19139393,4229031),
```

```
(19139175,4229059),(19139178,4229062),(19138701,4229067),(19138706,4229068),
(19139989,4229116),(19140446,4229127),(19140448,4229131),(19140520,4229190),
(19139804,4229205),(19140226,4229375),(19139740,4229434),(19140729,4229528),
(19140656,4229538),(19140971,4229653);
/*!40000 ALTER TABLE `collisions_vehicles` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `contributing_factors`
--

DROP TABLE IF EXISTS `contributing_factors`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `contributing_factors` (
  `Contributing_Factor_ID` int NOT NULL,
  `Contributing_Factor` varchar(45) NOT NULL,
  PRIMARY KEY (`Contributing_Factor_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `contributing_factors`
--

LOCK TABLES `contributing_factors` WRITE;
/*!40000 ALTER TABLE `contributing_factors` DISABLE KEYS */;
INSERT INTO `contributing_factors` VALUES (1,'Backing Unsafely'),(2,'Driver
Inattention/Distraction'),(3,'Driver Inexperience'),(4,'Failure to Yield Right-of-
Way'),(5,'Following Too Closely'),(6,'Other Vehicular'),(7,'Traffic Control
Disregarded'),(8,'Turning Improperly'),(9,'Unsafe Lane Changing'),
(10,'Unspecified');
/*!40000 ALTER TABLE `contributing_factors` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `drivers`
--

DROP TABLE IF EXISTS `drivers`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `drivers` (
  `Vehicle_ID` int NOT NULL,
  `Driver_Sex` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`Vehicle_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `drivers`
--

LOCK TABLES `drivers` WRITE;
/*!40000 ALTER TABLE `drivers` DISABLE KEYS */;
INSERT INTO `drivers` VALUES (1,'M'),(2,''),(3,'F'),(4,'F'),(5,'M'),(6,'M'),
(7,'M'),(8,'F'),(9,'M'),(10,''),(11,'M'),(12,'F'),(13,'F'),(14,'M'),(15,'F'),
(16,'M'),(17,'M'),(18,'F'),(19,'M'),(20,'F'),(21,'M'),(22,'M'),(23,'M'),(24,'M'),
(25,'M'),(26,'F'),(27,'M'),(28,'F'),(29,'F'),(30,'F'),(31,'M'),(32,'F'),(33,'M'),
```

```
(34,'M'),(35,'F'),(36,'F');
/*!40000 ALTER TABLE `drivers` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `vehicle_damages`
--

DROP TABLE IF EXISTS `vehicle_damages`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `vehicle_damages` (
  `Vehicle_Damage_ID` int NOT NULL,
  `Vehicle_Damage` varchar(45) DEFAULT NULL,
  PRIMARY KEY (`Vehicle_Damage_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `vehicle_damages`
--

LOCK TABLES `vehicle_damages` WRITE;
/*!40000 ALTER TABLE `vehicle_damages` DISABLE KEYS */;
INSERT INTO `vehicle_damages` VALUES (1,'Center Back End'),(2,'Center Front End'),
(3,'Left Front Bumper'),(4,'Left Front Quarter Panel'),(5,'Left Rear Bumper'),
(6,'Left Rear Quarter Panel'),(7,'Left Side Doors'),(8,'No Damage'),(9,'Right Front
Bumper'),(10,'Right Front Quarter Panel'),(11,'Right Rear Bumper'),(12,'Right Rear
Quarter Panel'),(13,'Right Side Doors');
/*!40000 ALTER TABLE `vehicle_damages` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `vehicles`
--

DROP TABLE IF EXISTS `vehicles`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `vehicles` (
  `Vehicle_ID` int NOT NULL,
  `Vehicle_Type` varchar(45) DEFAULT NULL,
  `DRIVERS_Vehicle_ID` int NOT NULL,
  PRIMARY KEY (`Vehicle_ID`),
  KEY `fk_VEHICLES_DRIVERS_idx` (`DRIVERS_Vehicle_ID`),
  CONSTRAINT `fk_VEHICLES_DRIVERS` FOREIGN KEY (`DRIVERS_Vehicle_ID`) REFERENCES
`drivers` (`Vehicle_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `vehicles`
--

LOCK TABLES `vehicles` WRITE;
/*!40000 ALTER TABLE `vehicles` DISABLE KEYS */;
INSERT INTO `vehicles` VALUES (19137605,'Taxi',1),(19138211,'Sedan',2),
(19138486,'Sedan',5),(19138701,'Bus',25),(19138706,'Station Wagon/Sport Utility
Vehicle',26),(19138903,'Station Wagon/Sport Utility Vehicle',14),
```

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(19138926,'Sedan',16),(19138956,'Bus',13),(19138997,'Sedan',4),(19139060,'Station
Wagon/Sport Utility Vehicle',20),(19139096,'Sedan',21),(19139175,'Box Truck',23),
(19139178,'Sedan',24),(19139241,'Station Wagon/Sport Utility Vehicle',3),
(19139288,'Station Wagon/Sport Utility Vehicle',17),(19139393,'Bus',22),
(19139431,'Station Wagon/Sport Utility Vehicle',12),(19139436,'Station Wagon/Sport
Utility Vehicle',15),(19139454,'4 dr sedan',8),(19139524,'Station Wagon/Sport
Utility Vehicle',6),(19139591,'Station Wagon/Sport Utility Vehicle',11),
(19139602,'Station Wagon/Sport Utility Vehicle',10),(19139681,'Station Wagon/Sport
Utility Vehicle',18),(19139689,'Sedan',19),(19139716,'Sedan',7),
(19139721,'Sedan',9),(19139740,'Sedan',33),(19139804,'Station Wagon/Sport Utility
Vehicle',31),(19139989,'Sedan',27),(19140226,'Station Wagon/Sport Utility
Vehicle',32),(19140446,'Sedan',28),(19140448,'Sedan',29),(19140520,'Sedan',30),
(19140656,'Station Wagon/Sport Utility Vehicle',35),(19140729,'Station Wagon/Sport
Utility Vehicle',34),(19140971,'Station Wagon/Sport Utility Vehicle',36);
/*!40000 ALTER TABLE `vehicles` ENABLE KEYS */;
UNLOCK TABLES;

--
-- Table structure for table `vehicles_has_contributing_factors`
--

DROP TABLE IF EXISTS `vehicles_has_contributing_factors`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `vehicles_has_contributing_factors` (
  `VEHICLES_Vehicle_ID` int NOT NULL,
  `CONTRIBUTING_FACTORS_Contributing_Factor_ID` int NOT NULL,
  PRIMARY KEY
(`VEHICLES_Vehicle_ID`,`CONTRIBUTING_FACTORS_Contributing_Factor_ID`),
  KEY `fk_VEHICLES_has_CONTRIBUTING_FACTORS_CONTRIBUTING_FACTORS1_idx`
(`CONTRIBUTING_FACTORS_Contributing_Factor_ID`),
  KEY `fk_VEHICLES_has_CONTRIBUTING_FACTORS_VEHICLES1_idx` (`VEHICLES_Vehicle_ID`),
  CONSTRAINT `fk_VEHICLES_has_CONTRIBUTING_FACTORS_CONTRIBUTING_FACTORS1` FOREIGN
KEY (`CONTRIBUTING_FACTORS_Contributing_Factor_ID`) REFERENCES
`contributing_factors` (`Contributing_Factor_ID`),
  CONSTRAINT `fk_VEHICLES_has_CONTRIBUTING_FACTORS_VEHICLES1` FOREIGN KEY
(`VEHICLES_Vehicle_ID`) REFERENCES `vehicles` (`Vehicle_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;

--
-- Dumping data for table `vehicles_has_contributing_factors`
--

LOCK TABLES `vehicles_has_contributing_factors` WRITE;
/*!40000 ALTER TABLE `vehicles_has_contributing_factors` DISABLE KEYS */;
INSERT INTO `vehicles_has_contributing_factors` VALUES (19139454,1),(19139681,1),
(19139740,1),(19139804,1),(19138486,2),(19138903,2),(19139175,2),(19139178,2),
(19139393,2),(19139431,2),(19139804,2),(19139060,3),(19139436,3),(19139454,3),
(19139740,3),(19139096,4),(19139689,5),(19137605,6),(19138211,6),(19139096,7),
(19140729,8),(19139178,9),(19139436,9),(19137605,10),(19138486,10),(19138701,10),
(19138706,10),(19138903,10),(19138926,10),(19138956,10),(19138997,10),
(19139060,10),(19139175,10),(19139241,10),(19139288,10),(19139393,10),
(19139431,10),(19139524,10),(19139591,10),(19139602,10),(19139681,10),
(19139689,10),(19139716,10),(19139721,10),(19139989,10),(19140226,10),
(19140446,10),(19140448,10),(19140520,10),(19140656,10),(19140729,10),
(19140971,10);
/*!40000 ALTER TABLE `vehicles_has_contributing_factors` ENABLE KEYS */;
UNLOCK TABLES;
```

```
--
-- Table structure for table `vehicles_has_vehicle_damages`
--

DROP TABLE IF EXISTS `vehicles_has_vehicle_damages`;
/*!40101 SET @saved_cs_client     = @@character_set_client */;
/*!50503 SET character_set_client = utf8mb4 */;
CREATE TABLE `vehicles_has_vehicle_damages` (
  `VEHICLES_Vehicle_ID` int NOT NULL,
  `VEHICLE_DAMAGES_Vehicle_Damage_ID` int NOT NULL,
  PRIMARY KEY (`VEHICLES_Vehicle_ID`,`VEHICLE_DAMAGES_Vehicle_Damage_ID`),
  KEY `fk_VEHICLES_has_VEHICLE_DAMAGES_VEHICLE_DAMAGES1_idx`
(`VEHICLE_DAMAGES_Vehicle_Damage_ID`),
  KEY `fk_VEHICLES_has_VEHICLE_DAMAGES_VEHICLES1_idx` (`VEHICLES_Vehicle_ID`),
  CONSTRAINT `fk_VEHICLES_has_VEHICLE_DAMAGES_VEHICLE_DAMAGES1` FOREIGN KEY
(`VEHICLE_DAMAGES_Vehicle_Damage_ID`) REFERENCES `vehicle_damages`
(`Vehicle_Damage_ID`),
  CONSTRAINT `fk_VEHICLES_has_VEHICLE_DAMAGES_VEHICLES1` FOREIGN KEY
(`VEHICLES_Vehicle_ID`) REFERENCES `vehicles` (`Vehicle_ID`)
) ENGINE=InnoDB DEFAULT CHARSET=utf8mb3;
/*!40101 SET character_set_client = @saved_cs_client */;


--
-- Dumping data for table `vehicles_has_vehicle_damages`
--

LOCK TABLES `vehicles_has_vehicle_damages` WRITE;
/*!40000 ALTER TABLE `vehicles_has_vehicle_damages` DISABLE KEYS */;
INSERT INTO `vehicles_has_vehicle_damages` VALUES (19137605,1),(19139454,1),
(19139681,1),(19139740,1),(19140971,1),(19138211,2),(19138706,2),(19138903,2),
(19139431,2),(19139689,2),(19140446,2),(19140448,2),(19138706,3),(19138956,3),
(19139096,3),(19139689,3),(19139716,3),(19140446,3),(19140448,3),(19138701,4),
(19139178,4),(19139288,4),(19139591,4),(19139436,5),(19139681,5),(19139740,5),
(19140971,5),(19138997,6),(19139436,6),(19139602,6),(19140226,6),(19140520,6),
(19140656,6),(19140729,6),(19138997,7),(19139288,7),(19139989,7),(19137605,8),
(19138486,8),(19138903,8),(19139175,8),(19139393,8),(19139740,8),(19139989,8),
(19140520,8),(19140729,8),(19140971,8),(19138211,9),(19139096,9),(19139689,9),
(19139804,9),(19140446,9),(19140448,9),(19139524,10),(19139804,10),(19140971,11),
(19139241,12),(19138926,13),(19139060,13),(19139175,13),(19139721,13);
/*!40000 ALTER TABLE `vehicles_has_vehicle_damages` ENABLE KEYS */;
UNLOCK TABLES;
/*!40103 SET TIME_ZONE=@OLD_TIME_ZONE */;

/*!40101 SET SQL_MODE=@OLD_SQL_MODE */;
/*!40014 SET FOREIGN_KEY_CHECKS=@OLD_FOREIGN_KEY_CHECKS */;
/*!40014 SET UNIQUE_CHECKS=@OLD_UNIQUE_CHECKS */;
/*!40101 SET CHARACTER_SET_CLIENT=@OLD_CHARACTER_SET_CLIENT */;
/*!40101 SET CHARACTER_SET_RESULTS=@OLD_CHARACTER_SET_RESULTS */;
/*!40101 SET COLLATION_CONNECTION=@OLD_COLLATION_CONNECTION */;
/*!40111 SET SQL_NOTES=@OLD_SQL_NOTES */;

-- Dump completed on 2023-08-19 23:52:28
```