SQL commands to create the tables in the data model, including all primary and foreign keys.

SET @OLD\_UNIQUE\_CHECKS=@@UNIQUE\_CHECKS, UNIQUE\_CHECKS=0;

SET @OLD\_FOREIGN\_KEY\_CHECKS=@@FOREIGN\_KEY\_CHECKS, FOREIGN\_KEY\_CHECKS=0;

SET @OLD\_SQL\_MODE=@@SQL\_MODE, SQL\_MODE='ONLY\_FULL\_GROUP\_BY,STRICT\_TRANS\_TABLES,NO\_ZERO\_IN\_DATE,NO\_ZERO\_DATE,ERROR\_FOR\_DIVISION\_BY\_ZERO,NO\_ENGINE\_SUBSTITUTION';

-- -----------------------------------------------------

-- Schema mydb

-- -----------------------------------------------------

CREATE SCHEMA IF NOT EXISTS `mydb` DEFAULT CHARACTER SET utf8 ;

USE `mydb` ;

-- -----------------------------------------------------

-- Table `mydb`.`Team`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `mydb`.`Team` (

`TeamID` INT NOT NULL,

`Key` VARCHAR(10) NULL,

`Active` VARCHAR(6) NULL,

`School` VARCHAR(45) NULL,

`Name` VARCHAR(45) NULL,

`ApRank` INT NULL,

`Wins` INT NULL,

`Losses` INT NULL,

`ConferenceWins` INT NULL,

`ConferenceLosses` INT NULL,

`Conference` VARCHAR(45) NULL,

`Stadium` VARCHAR(45) NULL,

PRIMARY KEY (`TeamID`))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `mydb`.`Stadium`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `mydb`.`Stadium` (

`StadiumID` INT NOT NULL,

`Active` VARCHAR(10) NULL,

`Name` VARCHAR(45) NULL,

`Address` VARCHAR(45) NULL,

`City` VARCHAR(45) NULL,

`State` VARCHAR(3) NULL,

`Zip` INT NULL,

`Country` VARCHAR(45) NULL,

`Capacity` INT NULL,

`GeoLat` DOUBLE NULL,

`GeoLong` DOUBLE NULL,

PRIMARY KEY (`StadiumID`))

ENGINE = InnoDB;

-- -----------------------------------------------------

-- Table `mydb`.`TeamGame`

-- -----------------------------------------------------

CREATE TABLE IF NOT EXISTS `mydb`.`TeamGame` (

`StatID` INT NOT NULL,

`Team\_TeamID` INT NOT NULL,

`Name` VARCHAR(45) NULL,

`Team` VARCHAR(10) NULL,

`GameID` INT NULL,

`OpponentID` INT NULL,

`Opponent` VARCHAR(45) NULL,

`HomeOrAway` VARCHAR(10) NULL,

`FieldGoalsMade` INT NULL,

`FieldGoalsAttempted` INT NULL,

`FreeThrowsMade` INT NULL,

`FreeThrowsAttempted` INT NULL,

`OffensiveRebounds` INT NULL,

`DefensiveRebounds` INT NULL,

`Rebounds` INT NULL,

`Assists` INT NULL,

`BlockedShots` INT NULL,

`Turnovers` INT NULL,

`PersonalFouls` INT NULL,

`Points` INT NULL,

`Stadium\_StadiumID` INT NOT NULL,

PRIMARY KEY (`StatID`),

INDEX `fk\_TeamGame\_Team\_idx` (`Team\_TeamID` ASC) VISIBLE,

INDEX `fk\_TeamGame\_Stadium1\_idx` (`Stadium\_StadiumID` ASC) VISIBLE,

CONSTRAINT `fk\_TeamGame\_Team`

FOREIGN KEY (`Team\_TeamID`)

REFERENCES `mydb`.`Team` (`TeamID`)

ON DELETE NO ACTION

ON UPDATE NO ACTION,

CONSTRAINT `fk\_TeamGame\_Stadium1`

FOREIGN KEY (`Stadium\_StadiumID`)

REFERENCES `mydb`.`Stadium` (`StadiumID`)

ON DELETE NO ACTION

ON UPDATE NO ACTION)

ENGINE = InnoDB;

SET SQL\_MODE=@OLD\_SQL\_MODE;

SET FOREIGN\_KEY\_CHECKS=@OLD\_FOREIGN\_KEY\_CHECKS;

SET UNIQUE\_CHECKS=@OLD\_UNIQUE\_CHECKS;