

```
CREATE TABLE Departments (  
department_id int PRIMARY KEY,  
department_name text UNIQUE  
);
```

```
INSERT INTO Departments (department_id, department_name)  
VALUES (1, 'Move_Team'), (2, 'Bldg_Services'), (3,  
'Access_Control'),  
(4, 'Mailing/Receiving'), (5, 'Grounds'), (6,  
'Grounds_EXT'), (7, 'Grounds_SUP'),  
(8, 'Grounds_Auto'), (9, 'Carpenter'), (10,  
'Carpenter_Sup'), (11, 'Carpenter_Roof'),  
(12, 'Const.Shop'), (13, 'Paint'), (14, 'Mason'), (15,  
'Electric_Shop'),  
(16, 'HVAC_Shop'), (17, 'HVAC_Shop_PH'), (18,  
'Plumbing_Shop'), (19, 'Repair'),  
(20, 'Information_Tech'), (21, 'Telecommunications'), (22,  
'Biology'), (23, 'School_of_Ed'),  
(24, 'Bonner_Center'), (25, 'Campus_PD'), (26,  
'Admissions'), (27, 'Fleet_Loaner'),  
(28, 'Athletics');
```

```
CREATE TABLE Vehicle_Categories (  
vehicleCategory_id int PRIMARY KEY,  
vehicle_category text UNIQUE  
);
```

```
INSERT INTO Vehicle_Categories(vehicleCategory_id,  
vehicle_category)  
VALUES (1, 'Pick-Up-Truck-Med./Heavy Duty'), (2, 'Van-  
Passenger'), (3, 'Pick-Up-Truck-LightDuty'),  
(4, 'LowSpeed-Utility'), (5, 'Van-Cargo'), (6, 'Passenger-  
Vehicle'), (7, 'Public-Safety-Vehicle'), (8, 'Reduction'),  
(9, 'LowSpeed-Passenger'), (10, 'Retire'), (11,  
'Reassigned');
```

```
CREATE TABLE Engine_Types (  
engine_type_id int PRIMARY KEY,  
engine_type VARCHAR(255)  
);
```

```
INSERT INTO Engine_Types(engine_type_id, engine_type)
VALUES (1, 'ICE'), (2, 'EV'), (3, 'X'), (4, 'EV-LS'), (5,
'HYB'), (6, 'Hydro');
```

```
CREATE TABLE Model (
year int,
model VARCHAR(255),
make VARCHAR(255),
model_id int PRIMARY KEY,
proposed_year int,
future_year int,
current_vehicleCategory_id int,
proposed_vehicleCategory_id int,
future_vehicleCategory_id int,
current_engine_type_id int,
proposed_engine_type_id int,
future_engine_type_id int,
FOREIGN KEY (current_vehicleCategory_id) REFERENCES
Vehicle_Categories (vehicleCategory_id),
FOREIGN KEY (proposed_vehicleCategory_id) REFERENCES
Vehicle_Categories (vehicleCategory_id),
FOREIGN KEY (future_vehicleCategory_id) REFERENCES
Vehicle_Categories (vehicleCategory_id),
FOREIGN KEY (current_engine_type_id) REFERENCES
Engine_Types (engine_type_id),
FOREIGN KEY (proposed_engine_type_id) REFERENCES
Engine_Types (engine_type_id),
FOREIGN KEY (future_engine_type_id) REFERENCES Engine_Types
(engine_type_id)
);
```

```
\COPY Model(year, model, make, model_id, proposed_year,
future_year, current_vehicleCategory_id,
proposed_vehicleCategory_id, future_vehicleCategory_id,
current_engine_type_id, proposed_engine_type_id,
future_engine_type_id) FROM '/home/lion/Downloads/
Model.csv' WITH CSV HEADER;
```

```
CREATE TABLE Vehicle (
initial_cost int,
license_plate_number VARCHAR(255) PRIMARY KEY,
model_id int,
```

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department_id int,  
FOREIGN KEY (department_id) REFERENCES Departments  
(department_id),  
FOREIGN KEY (model_id) REFERENCES Model (model_id)  
);
```

```
\COPY Vehicle(initial_cost, license_plate_number, model_id,  
department_id) FROM '/home/lion/Downloads/vehicle.csv' WITH  
CSV HEADER;
```

```
CREATE TABLE Cost_Types (  
cost_type_id int PRIMARY KEY,  
cost_type_name VARCHAR(255)  
);
```

```
INSERT INTO Cost_Types(cost_type_id, cost_type_name)  
VALUES (1, 'tires_cost'), (2, 'insurance_cost'),  
(3, 'fuel_cost'), (4, 'repairs_cost'),  
(5, 'maintenance_cost');
```

```
CREATE TABLE Invoices (  
invoice_number int PRIMARY KEY,  
license_plate_number VARCHAR(255),  
FOREIGN KEY (license_plate_number) REFERENCES Vehicle  
(license_plate_number)  
);
```

```
\COPY Invoices(invoice_number, license_plate_number) FROM  
'/home/lion/Downloads/invoices.csv' WITH CSV HEADER;
```

```
CREATE TABLE Invoice_Items (  
invoice_item_id int PRIMARY KEY,  
amount int,  
invoice_number int,  
cost_type_id int,  
FOREIGN KEY (invoice_number) REFERENCES Invoices  
(invoice_number),  
FOREIGN KEY (cost_type_id) REFERENCES Cost_Types  
(cost_type_id)
```

```
);
```

```
\COPY Invoice_Items(invoice_item_id, amount,  
invoice_number, cost_type_id) FROM '/home/lion/Downloads/  
invoice item.csv' WITH CSV HEADER;
```

```
CREATE TABLE Emissions (  
emission_id int PRIMARY KEY,  
license_plate_number VARCHAR(255),  
FOREIGN KEY (license_plate_number) REFERENCES Vehicle  
(license_plate_number)  
);
```

```
\COPY Emissions(emission_id, license_plate_number) FROM '/  
home/lion/Downloads/emissions.csv' WITH CSV HEADER;
```

```
CREATE TABLE Emission_Types (  
emission_type_id int PRIMARY KEY,  
emission_type_name VARCHAR(255)  
);
```

```
INSERT INTO Emission_Types(emission_type_id,  
emission_type_name)  
VALUES (1, 'C02');
```

```
CREATE TABLE Emission_Details (  
emission_detail_id int PRIMARY KEY,  
emission_type_id int,  
emission_id int,  
annual_emissions float,  
FOREIGN KEY (emission_id) REFERENCES Emissions  
(emission_id),  
FOREIGN KEY (emission_type_id) REFERENCES Emission_Types  
(emission_type_id)  
);
```

```
\COPY Emission_Details(emission_detail_id,  
emission_type_id, emission_id, annual_emissions) FROM '/  
home/lion/Downloads/emission details.csv' WITH CSV HEADER;
```

