# Display/Collect Cars

Where you can compare prices of cars to make a final decison on your dream car.								
2 Remove car_t 3 Display all 4 Select two c	cars ars to compare pri st and highest car price f Model Or p?	ces						
Type of Car	Manufacturers	Model	Year	Price				
Sedan	Ford	======================================	2020	======================================				
HP: 188 0 0 0 Sedan HP: 473 503 503 0	BMW	М3	2022	69000				
Sedan HP: 328 0 0 0	Infiniti	Q50	2014	22990				
Sports-Car HP: 1479 1480 1577 1	Bugatti	Chiron	2020	3000000				
Sports-Car HP: 255 0 0 0	Toyota	Supra-2.0	2021	43090				
Coupe HP: 241 311 472 0	Lexus	RC	2021	42220				
Coupe HP: 158 180 0 0	Honda	Civic-Sport-Coupe2D	2019	27371				
Convertible HP: 275 335 650 0	Chevrolet	Camaro	2021	25000				
Convertible HP: 532 562 602 0	Audi	R8	2021	142700				
Pickup Truck HP: 277 355 420 0	Chevrolet	Silverado-1500	2019	29795				
Pickup Truck HP: 270 0 0 0	Ford	Ranger	2020	24110				
Suv HP: 184 271 0 0	Jeep	Cherokee	2015	11804				
Suv HP: 219 0 0 0	Toyota	Venza	2021	32670				
Electric vehicle HP: 670 1020 0 0	Tesla	Model-S	2021	94990				
Pickup Truck HP: 130 0 0	Chevrolet	C10-Restomod	1987	24995				

## Sorting Function: Lowest To Highest

2 Remove car_t; 3 Display all 6 4 Select two cc 5 Display lowe: 6 Cartype Avg   7 Highest Hp o' 8 Exit the loop	cars ars to compare pri st and highest car price f Model Or p? on:1	ces price		
Type of Car !	Manufacturers 	Model	Year 	Price
Suv	Jeep	Cherokee	2015	11804
HP: 184 271 0 0 Sedan	Infiniti	Q50	2014	22990
HP: 328 0 0 0 Pickup Truck	Ford	Ranger	2020	24110
HP: 270 0 0 0 Pickup Truck	Chevrolet	C10-Restomod	1987	24995
HP: 130 0 0 0 Convertible	Chevrolet	Camaro	2021	25000
HP: 275 335 650 0 Coupe	Honda	Civic-Sport-Coupe2D	2019	27371
HP: 158 180 0 0 Sedan	Ford	Fusion-Hybrid	2020	28000
HP: 188 0 0 0 Pickup Truck	Chevrolet	Silverado-1500	2019	29795
HP: 277 355 420 0 Suv	Toyota	Venza	2021	32670
HP: 219 0 0 0 Coupe	Lexus	RC	2021	42220
HP: 241 311 472 0 Sports-Car	Toyota	Supra-2.0	2021	43090
HP: 255 0 0 0 Sedan	BMW	мз	2022	69000
HP: 473 503 503 0 Electric vehicle	Tesla	Model-S	2021	94990
HP: 670 1020 0 0 Convertible	Audi	R8	2021	142700
HP: 532 562 602 0				
Sports-Car HP: 1479 1480 1577 1	Bugatti 580	Chiron	2020	3000000

### Function Between Groups/Filter

```
Where you can compare prices of cars to make a final decison on your dream car.

Would you like to

1    View Price of cars from lowest to highest

2    Remove car_type

3    Display all cars

4    Select two cars to compare prices

5    Display lowest and highest car price

6    Cartype Avg price

7    Highest Hp of Model Or

8    Exit the loop?

Please select a Option:4

Please select # 1 car model of your choice

M3

Please select # 2 car model of your choice

R8

The first car is M3

The second car is R8

The price of the first car is $69000

The price of the second car is $ 142700

Difference is $ 73700
```

## Multiple Analysis

```
DITTELEUCE T2 $ 12100
Would you like to
        View Price of cars from lowest to highest
2
        Remove car_type
        Display all cars
3
4
        Select two cars to compare prices
5
        Display lowest and highest car price
6
        Cartype Avg price
7
        Highest Hp of Model Or
        Exit the loop?
Please select a Option:6
Please enter a car type of your choice to see its avg price it contains: Sedan
Car Type, Manufacturers, Model, Year, Price
Sedan , Ford , Fusion-Hybrid , 2020 , 28000
Sedan ,BMW ,M3 ,2022 ,69000
Sedan , Infiniti , Q50 , 2014 , 22990
Car Type(Sedan)average is $ 39996.67
```

#### Within Group Analysis

```
Would you like to

1 View Price of cars from lowest to highest

2 Remove car_type

3 Display all cars

4 Select two cars to compare prices

5 Display lowest and highest car price

6 Cartype Avg price

7 Highest Hp of Model Or

8 Exit the loop?

Please select a Option:7

Please enter a model of your choice to see its Horsepower Min & Max (range): M3

Highest HP: 503

Lowest HP: 0

Range: 0-503
```

#### Remove Function

```
Would you like to
           View Price of cars from lowest to highest
          Remove car_type
Display all cars
Select two cars to compare prices
          Display lowest and highest car price
Cartype Avg price
7 Highest Hp of Model Or
8 Exit the loop?
Please select a Option:2
Please enter car_type that you wish to remove: Sedan
Type of Car Manufacturers Mod
Type of Car
                                                                  Model
                                                                                               Year
                                                                                                                        Price
Sports-Car
HP: 1479 1480 1577 1580
                                   Bugatti
                                                                         Chiron
                                                                                                    2020
                                                                                                                        3000000
Sports-Car
                                    Toyota
                                                                     Supra-2.0
                                                                                                    2021
                                                                                                                           43090
HP: 255 0 0 0
Coupe
HP: 241 311 472 0
                                     Lexus
                                                                                                    2021
                                                                                                                           42220
Coupe
HP: 158 180 0 0
Convertible
                                     Honda
                                                       Civic-Sport-Coupe2D
                                                                                                    2019
                                                                                                                           27371
                                Chevrolet
                                                                        Camaro
                                                                                                    2021
                                                                                                                           25000
HP: 275 335 650 0
Convertible
HP: 532 562 602 0
                                       Audi
                                                                              R8
                                                                                                    2021
                                                                                                                         142700
Pickup Truck
HP: 277 355 420 0
                                Chevrolet
                                                              Silverado-1500
                                                                                                    2019
                                                                                                                           29795
Pickup Truck
HP: 270 0 0 0
                                                                                                    2020
                                                                                                                           24110
                                      Ford
                                                                        Ranger
                                                                      Cherokee
                                                                                                    2015
                                                                                                                           11804
Suv
                                       Jeep
HP: 184 271 0 0
                                    Toyota
                                                                          Venza
                                                                                                    2021
                                                                                                                           32670
Suv
HP: 219 0 0 0
Electric vehicle
HP: 670 1020 0 0
                                                                        Model-S
                                                                                                                            94990
                                      Tesla
                                                                                                     2021
Pickup Truck
HP: 130 0 0 0
                                Chevrolet
                                                                C10-Restomod
                                                                                                    1987
                                                                                                                           24995
```

### Exit Loop

```
Would you like to
1
        View Price of cars from lowest to highest
2
        Remove car_type
3
        Display all cars
        Select two cars to compare prices
4
5
        Display lowest and highest car price
        Cartype Avg price
6
7
        Highest Hp of Model Or
        Exit the loop?
Please select a Option:8
Thank you for using the Program (:
dennisearenas@Dennises-MacBook-Pro-2 CS 111 Final Project
```