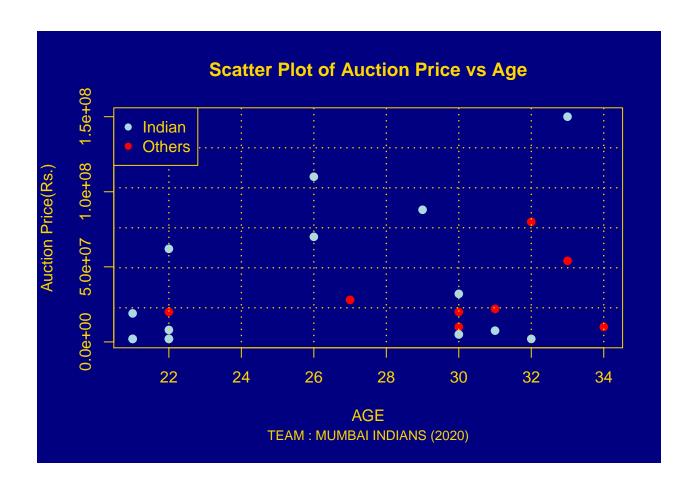
# IPL\_AUCTIONS(Mumbai Indians)

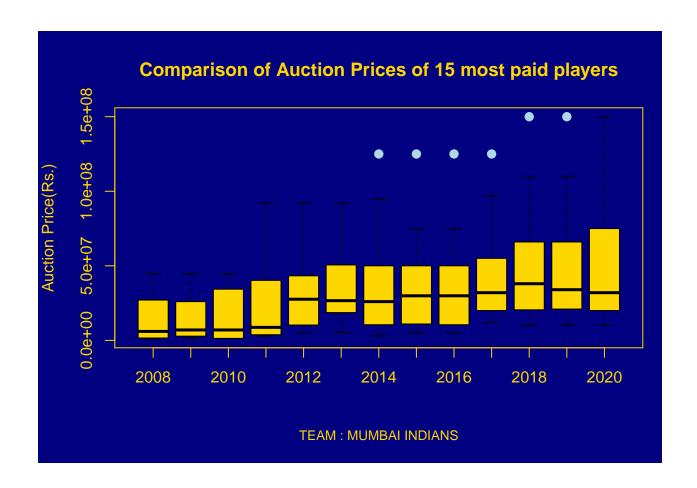
#### Aditya Dubey

```
ipl <- read.csv("MI_Players_Salary.csv",header=TRUE,na.strings = "NA")</pre>
                                                                     # Loading complete dataset
str(ipl)
## 'data.frame':
                 340 obs. of 5 variables:
## $ Player.Name : chr "Rohit Sharma" "Hardik Pandya" "Krunal Pandya" "Nathan Coulter-Nile" ...
## $ Age
                  : int 33 26 29 32 26 22 33 30 27 31 ...
## $ Season
                  ## $ Price
                  : int 150000000 110000000 88000000 80000000 70000000 62000000 54000000 32000000 2
## $ Player_Category: chr "Indian" "Indian" "Indian" "Others" ...
ipl$Season <- as.factor(ipl$Season)</pre>
                                                        # Changing into factor variable
ipl$Player_Category <- as.factor(ipl$Player_Category)</pre>
```

#### **QUESTION 1**



### **QUESTION 2**



#### **QUESTION 3**

```
# Extracting data of highest price for each IPL Seasons
highest <- data.frame()
for (i in levels(ipl$Season)){
   seasondata <- ipl[ipl$Season==i,c("Player.Name","Season","Price")]
   dataordered <- seasondata[order(seasondata[,"Price"],decreasing = TRUE),]
   highest <- rbind(highest,dataordered[1,])
}
highest$Season <- as.integer(as.character(highest$Season))</pre>
```



## $\mathbf{END}$