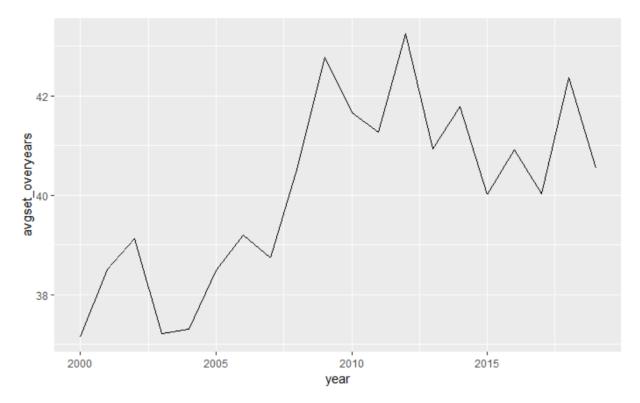
## **Exploratory Data Analysis**

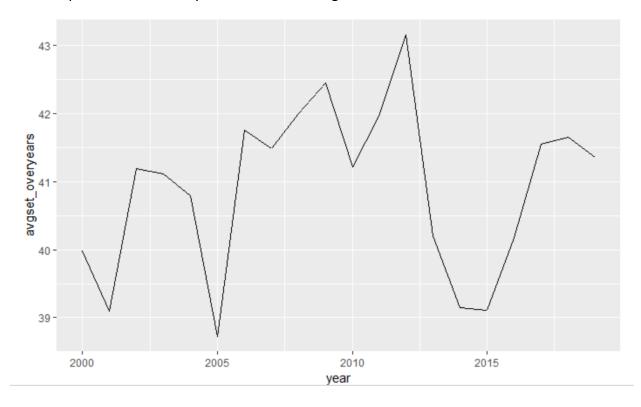
Australian Open trend over the years based on average set minutes

Summary

```
match_id
                     round
                                         date
                                                       avg_minutes_game
Length: 2540
                  Length:2540
                                     Length: 2540
                                                             : 1.920
                                                       Min.
Class :character
                  Class :character
                                     Class :character
                                                       1st Qu.: 3.820
Mode :character
                  Mode :character
                                     Mode :character
                                                       Median : 4.160
                                                       Mean
                                                              : 4.214
                                                       3rd Qu.: 4.530
                                                       мах.
                                                              :21.500
                                                       NA's
                                                              :17
avg_seconds_point avg_minutes_set tournament
                                                        year
                                                          :2000
Min.
      : 16.40
                 Min.
                        :16.7
                                 Length: 2540
                                                    Min.
1st Qu.: 36.70
                 1st Qu.:35.0
                                 Class :character
                                                    1st Qu.:2005
Median : 39.20
                 Median :39.8
                                 Mode :character
                                                    Median:2010
Mean : 39.76
                 Mean
                        :40.5
                                                    Mean
                                                          :2010
3rd Qu.: 41.85
                 3rd Qu.:45.0
                                                    3rd Qu.:2014
Max.
      :390.00
                 Max.
                       :94.7
                                                    Max. :2019
NA's
       :17
                 NA's
                        :26
match_minutes
Min.
     : 6.0
1st Qu.:110.5
Median :140.0
     :147.2
Mean
3rd Qu.:180.0
Max. :353.0
NA's :17
```



French Open trend over the years based on average set minutes



French Open trend over the years based on average set minutes

## US Open trend over the years based on average set minutes

