## Assignment 2

## Alice Ding

2023-02-01

## **Table**

```
movie_ratings = dbGetQuery(mysqlconnection, "select * from movie_ratings;")
summary(movie_ratings)
```

```
##
     primary_key
                      person_id
                                     first_name
                                                        movie_name
##
    Min.
          : 1.00
                    Min.
                           :1.00
                                    Length:48
                                                        Length:48
##
    1st Qu.:12.75
                    1st Qu.:2.75
                                    Class : character
                                                        Class : character
  Median :24.50
                    Median:4.50
                                    Mode :character
                                                        Mode :character
   Mean
           :24.50
                    Mean
                            :4.50
##
    3rd Qu.:36.25
                    3rd Qu.:6.25
##
    Max.
           :48.00
                            :8.00
                    Max.
##
##
        score
    Min.
           :2.000
    1st Qu.:3.625
   Median :4.000
##
  Mean
          :3.962
    3rd Qu.:4.500
##
   Max.
           :5.000
    NA's
           :22
##
```

## print(movie\_ratings)

```
##
      primary_key person_id first_name
                                                                            movie_name
## 1
                                                             Avatar: The Way of Water
                1
                           1
                                   Brian
## 2
                2
                           1
                                   Brian
                                                                              The Menu
## 3
                3
                           1
                                   Brian Doctor Strange in the Multiverse of Madness
## 4
                 4
                           1
                                  Brian
                                                         Puss in Boots: The Last Wish
                5
## 5
                           1
                                  Brian
## 6
                6
                           1
                                  Brian
                                                    Everything Everywhere All at Once
## 7
                7
                           2
                                   Alice
                                                             Avatar: The Way of Water
                           2
## 8
                8
                                   Alice
                                                                              The Menu
                           2
## 9
                9
                                   Alice Doctor Strange in the Multiverse of Madness
## 10
                           2
               10
                                  Alice
## 11
                           2
                                  Alice
                                                         Puss in Boots: The Last Wish
               11
## 12
                12
                           2
                                  Alice
                                                    Everything Everywhere All at Once
## 13
                13
                           3
                                                             Avatar: The Way of Water
                           3
## 14
               14
                                     Sam Doctor Strange in the Multiverse of Madness
```

```
## 15
                15
                            3
                                      Sam
                                                                                The Menu
                            3
## 16
                16
                                      Sam
                                                          Puss in Boots: The Last Wish
                            3
## 17
                17
                                      Sam
## 18
                            3
                                      Sam
                                                     Everything Everywhere All at Once
                18
                            4
## 19
                19
                                 Vandana
                                                               Avatar: The Way of Water
## 20
                20
                            4
                                 Vandana
                                                                                The Menu
## 21
                21
                            4
                                 Vandana
                                                          Puss in Boots: The Last Wish
## 22
                22
                            4
                                 Vandana
## 23
                23
                            4
                                 Vandana
                                                     Everything Everywhere All at Once
## 24
                24
                            4
                                 Vandana Doctor Strange in the Multiverse of Madness
                            5
## 25
                25
                                      Sam
                                                               Avatar: The Way of Water
## 26
                26
                            5
                                      Sam
                                                                                The Menu
                            5
## 27
                27
                                      Sam
                                                                                     Coco
                            5
## 28
                28
                                                          Puss in Boots: The Last Wish
                                      Sam
## 29
                29
                            5
                                      Sam Doctor Strange in the Multiverse of Madness
                            5
## 30
                30
                                      Sam
                                                     Everything Everywhere All at Once
## 31
                31
                            6
                                  Amanda
                                                               Avatar: The Way of Water
## 32
                            6
                32
                                  Amanda
                                                                                The Menu
## 33
                33
                            6
                                  Amanda Doctor Strange in the Multiverse of Madness
## 34
                            6
                34
                                  Amanda
## 35
                35
                            6
                                  Amanda
                                                     Everything Everywhere All at Once
## 36
                36
                            6
                                  Amanda
                                                          Puss in Boots: The Last Wish
## 37
                37
                            7
                                   Ethan
                                                               Avatar: The Way of Water
                            7
## 38
                38
                                   Ethan
                                                                                The Menu
                            7
## 39
                39
                                   Ethan
                                                                                     Coco
                                   Ethan Doctor Strange in the Multiverse of Madness
## 40
                40
                            7
## 41
                41
                            7
                                   Ethan
                                                          Puss in Boots: The Last Wish
## 42
                42
                            7
                                   Ethan
                                                     Everything Everywhere All at Once
                            8
## 43
                43
                                 Stephen
                                                               Avatar: The Way of Water
                            8
## 44
                44
                                 Stephen Doctor Strange in the Multiverse of Madness
                            8
## 45
                45
                                 Stephen
                                                          Puss in Boots: The Last Wish
## 46
                46
                            8
                                 Stephen
                                                                                     Coco
## 47
                47
                            8
                                 Stephen
                                                     Everything Everywhere All at Once
## 48
                48
                            8
                                 Stephen
                                                                                The Menu
##
      score
## 1
         NA
## 2
         NA
## 3
        2.0
## 4
         NA
## 5
        4.0
## 6
        5.0
## 7
        4.0
## 8
        4.5
## 9
        3.0
## 10
        4.0
## 11
        4.0
## 12
        4.5
## 13
         NA
## 14
        3.0
## 15
         NA
## 16
         NΑ
## 17
        5.0
## 18
        4.5
## 19
         NA
```

## 20 NA## 21 NA## 22 4.0 ## 23 NA## 24 NA## 25 NA## 26 NA## 27 5.0 ## 28 NA## 29 NA## 30 5.0 ## 31 NA## 32 NA## 33 3.5 ## 34 4.0 ## 35 5.0 ## 36 NA## 37 NA## 38 3.0 ## 39 4.0 ## 40 3.0 ## 41 NA## 42 NA ## 43 4.0 ## 44 2.0 ## 45 4.0 ## 46 4.0 ## 47 5.0 ## 48 NA