g-bigg-boss-hindi-season-17-winner

October 20, 2023

##

Predicting Hindi Bigg Boss (   ) 17 Season Winner

0.1 Dataset   https://www.kaggle.com/datasets/thirumani/bigg-boss-india-hindi-telugu-tamil-kannada

```
[1]: from IPython.display import IFrame
     import datetime
     print("Notebook was last executed on", datetime.date.today().
      ↪strftime("%Y-%b-%d"), "with Python version")
     !python --version
```

```
Notebook was last executed on 2023-Oct-18 with Python version
Python 3.10.12
```

```
[2]: # Source: Wikipedia
     IFrame('https://upload.wikimedia.org/wikipedia/en/9/92/Bigg_Boss_17.png',␣
      ↪width=390, height=260)
```

```
[2]: <IPython.lib.display.IFrame at 0x7ca69d8a6ec0>
```

0.1.1 Importing Required Python Libraries

```
[3]: import warnings
     warnings.filterwarnings('ignore')

     import numpy as np
     import pandas as pd
     pd.set_option('display.max_columns', 50)

     import matplotlib.pyplot as plt
     import seaborn as sns
     from babel.numbers import format_currency
     from wordcloud import WordCloud

     from sklearn.linear_model import LogisticRegression
     from sklearn.ensemble import RandomForestClassifier
```

```
from sklearn.model_selection import train_test_split
from sklearn.metrics import accuracy_score,f1_score,confusion_matrix
```

0.1.2 Check and import dataset

[4]:
```
! ls -l /kaggle/input/bigg-boss-india-hindi-telugu-tamil-kannada/
  ↪Bigg_Boss_India.csv
bigg_boss = pd.read_csv('/kaggle/input/
  ↪bigg-boss-india-hindi-telugu-tamil-kannada/Bigg_Boss_India.csv', encoding =␣
  ↪"ISO-8859-1")

nRow, nCol = bigg_boss.shape
print(f'\nThere are {nRow} rows and {nCol} columns in the dataset')
```

-rw-r--r-- 1 nobody nogroup 231258 Oct 17 05:20 /kaggle/input/bigg-boss-india-
hindi-telugu-tamil-kannada/Bigg_Boss_India.csv

There are 1045 rows and 40 columns in the dataset

0.2 Exploratory Data Analysis (EDA)

[5]: `bigg_boss.head(5)`

[5]:
```
  Language Season Number           Name        Profession       Gender  Age  \
0    Hindi             1      Amit Sadh        Soap Actor         Male  NaN
1    Hindi             1  Anupama Verma             Model       Female  NaN
2    Hindi             1     Aryan Vaid    Pageant Winner         Male  NaN
3    Hindi             1   Bobby Darling          Activist  Transgender  NaN
4    Hindi             1   Carol Gracias             Model       Female  NaN

  Entry Date Elimination Date  Elimination Week Number  Contestant Number  \
0   3-Nov-06              NaN                     10.0                5.0
1   3-Nov-06              NaN                      5.0                8.0
2   3-Nov-06              NaN                      4.0                9.0
3   3-Nov-06              NaN                      1.0               12.0
4   3-Nov-06        26-Jan-07                     12.0                2.0

  Wild Card  Season Length  Number of Housemates Season Start Date  \
0        No             86                    15          3-Nov-06
1        No             86                    15          3-Nov-06
2        No             86                    15          3-Nov-06
3        No             86                    15          3-Nov-06
4        No             86                    15          3-Nov-06

  Season End Date     Host Name Guest Host Name Prize Money (INR)  \
0       26-Jan-07  Arshad Warsi             NaN                 0
1       26-Jan-07  Arshad Warsi             NaN                 0
```

```
2      26-Jan-07  Arshad Warsi               NaN                 0
3      26-Jan-07  Arshad Warsi               NaN                 0
4      26-Jan-07  Arshad Warsi               NaN                 0

  Broadcasted By OTT Platform  Average TRP  \
0            Sony         NaN         2.72
1            Sony         NaN         2.72
2            Sony         NaN         2.72
3            Sony         NaN         2.72
4            Sony         NaN         2.72

                                 Most Viewed States House Location  \
0  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
1  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
2  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
3  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
4  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala

  OTT Season Season Slogan Season Theme  Number of Evictions Faced  \
0         No          NaN          NaN                        2.0
1         No          NaN          NaN                        1.0
2         No          NaN          NaN                        1.0
3         No          NaN          NaN                        1.0
4         No          NaN          NaN                        5.0

  Number of Times Elected as Captain  Number of Re-entries  Walked  Ejected  \
0                                0.0                   0.0     0.0      0.0
1                                0.0                   0.0     0.0      0.0
2                                0.0                   0.0     0.0      0.0
3                                0.0                   0.0     0.0      0.0
4                                0.0                   0.0     0.0      0.0

  In Secret-Room  Won Eviction Free Pass  Won Ticket to Finale  \
0            NaN                     NaN                   NaN
1            NaN                     NaN                   NaN
2            NaN                     NaN                   NaN
3            NaN                     NaN                   NaN
4            NaN                     NaN                   NaN

  Number of Times Best Performer  Number of Times Worst Performer  \
0                            NaN                              NaN
1                            NaN                              NaN
2                            NaN                              NaN
3                            NaN                              NaN
4                            NaN                              NaN

  Secret Task  Social Media Popularity  Finalist  Winner
```

```
0         NaN                        NaN      0.0      0.0
1         NaN                        NaN      0.0      0.0
2         NaN                        NaN      0.0      0.0
3         NaN                        NaN      0.0      0.0
4         NaN                        NaN      1.0      0.0
```

[6]: `bigg_boss.tail(10).T`

[6]:

```
                                                                       1035
\
Language                                                          Malayalam
Season Number                                                             5
Name                                                          Rinosh George
Profession                                                           Singer
Gender                                                                 Male
Age                                                                     NaN
Entry Date                                                        26-Mar-23
Elimination Date                                                        NaN
Elimination Week Number                                                13.0
Contestant Number                                                       2.0
Wild Card                                                                No
Season Length                                                            99
Number of Housemates                                                     21
Season Start Date                                                 26-Mar-23
Season End Date                                                    2-Jul-23
Host Name                                                          Mohanlal
Guest Host Name                                                         NaN
Prize Money (INR)                                                         0
Broadcasted By                                                      Asianet
OTT Platform                                                 Disney+ Hotstar
Average TRP                                                             NaN
Most Viewed States                                                   Kerala
House Location                                                       Mumbai
OTT Season                                                              No
Season Slogan                  Battle of the Originals - The Fire Explodes!
Season Theme                                                           NaN
Number of Evictions Faced                                              6.0
Number of Times Elected as Captain                                     0.0
Number of Re-entries                                                   0.0
Walked                                                                 1.0
Ejected                                                                0.0
In Secret-Room                                                         NaN
Won Eviction Free Pass                                                 NaN
Won Ticket to Finale                                                   NaN
Number of Times Best Performer                                        NaN
Number of Times Worst Performer                                       1.0
Secret Task                                                            NaN
```

Social Media Popularity	NaN
Finalist	0.0
Winner	0.0

1036

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Language	Malayalam
Season Number	5
Name	Sagar Surya
Profession	Actor
Gender	Male
Age	NaN
Entry Date	26-Mar-23
Elimination Date	NaN
Elimination Week Number	9.0
Contestant Number	5.0
Wild Card	No
Season Length	99
Number of Housemates	21
Season Start Date	26-Mar-23
Season End Date	2-Jul-23
Host Name	Mohanlal
Guest Host Name	NaN
Prize Money (INR)	0
Broadcasted By	Asianet
OTT Platform	Disney+ Hotstar
Average TRP	NaN
Most Viewed States	Kerala
House Location	Mumbai
OTT Season	No
Season Slogan	Battle of the Originals - The Fire Explodes!
Season Theme	NaN
Number of Evictions Faced	4.0
Number of Times Elected as Captain	0.0
Number of Re-entries	0.0
Walked	0.0
Ejected	0.0
In Secret-Room	NaN
Won Eviction Free Pass	NaN
Won Ticket to Finale	NaN
Number of Times Best Performer	NaN
Number of Times Worst Performer	NaN
Secret Task	NaN
Social Media Popularity	NaN
Finalist	0.0
Winner	0.0

\

Language	Malayalam
Season Number	5
Name	Shiju Abdul Rasheed
Profession	Actor
Gender	Male
Age	NaN
Entry Date	26-Mar-23
Elimination Date	NaN
Elimination Week Number	14.0
Contestant Number	16.0
Wild Card	No
Season Length	99
Number of Housemates	21
Season Start Date	26-Mar-23
Season End Date	2-Jul-23
Host Name	Mohanlal
Guest Host Name	NaN
Prize Money (INR)	0
Broadcasted By	Asianet
OTT Platform	Disney+ Hotstar
Average TRP	NaN
Most Viewed States	Kerala
House Location	Mumbai
OTT Season	No
Season Slogan	Battle of the Originals - The Fire Explodes!
Season Theme	NaN
Number of Evictions Faced	7.0
Number of Times Elected as Captain	2.0
Number of Re-entries	0.0
Walked	0.0
Ejected	0.0
In Secret-Room	NaN
Won Eviction Free Pass	NaN
Won Ticket to Finale	NaN
Number of Times Best Performer	NaN
Number of Times Worst Performer	NaN
Secret Task	NaN
Social Media Popularity	NaN
Finalist	1.0
Winner	0.0

\

Language	Malayalam
Season Number	5

Name	Sobha Viswanath
Profession	Entrepreneur
Gender	Female
Age	NaN
Entry Date	26-Mar-23
Elimination Date	NaN
Elimination Week Number	14.0
Contestant Number	4.0
Wild Card	No
Season Length	99
Number of Housemates	21
Season Start Date	26-Mar-23
Season End Date	2-Jul-23
Host Name	Mohanlal
Guest Host Name	NaN
Prize Money (INR)	0
Broadcasted By	Asianet
OTT Platform	Disney+ Hotstar
Average TRP	NaN
Most Viewed States	Kerala
House Location	Mumbai
OTT Season	No
Season Slogan	Battle of the Originals - The Fire Explodes!
Season Theme	NaN
Number of Evictions Faced	5.0
Number of Times Elected as Captain	2.0
Number of Re-entries	0.0
Walked	0.0
Ejected	0.0
In Secret-Room	NaN
Won Eviction Free Pass	NaN
Won Ticket to Finale	NaN
Number of Times Best Performer	NaN
Number of Times Worst Performer	2.0
Secret Task	NaN
Social Media Popularity	NaN
Finalist	1.0
Winner	0.0
	1039

\
Language	Malayalam
Season Number	5
Name	Sreedevi Menon
Profession	Social Media Star
Gender	Female
Age	NaN

```
Entry Date                                                                  26-Mar-23
Elimination Date                                                                  NaN
Elimination Week Number                                                           5.0
Contestant Number                                                                 8.0
Wild Card                                                                           No
Season Length                                                                      99
Number of Housemates                                                               21
Season Start Date                                                           26-Mar-23
Season End Date                                                               2-Jul-23
Host Name                                                                    Mohanlal
Guest Host Name                                                                   NaN
Prize Money (INR)                                                                   0
Broadcasted By                                                                Asianet
OTT Platform                                                           Disney+ Hotstar
Average TRP                                                                       NaN
Most Viewed States                                                            Kerala
House Location                                                                 Mumbai
OTT Season                                                                         No
Season Slogan                         Battle of the Originals - The Fire Explodes!
Season Theme                                                                      NaN
Number of Evictions Faced                                                         1.0
Number of Times Elected as Captain                                                0.0
Number of Re-entries                                                              0.0
Walked                                                                            0.0
Ejected                                                                           0.0
In Secret-Room                                                                    NaN
Won Eviction Free Pass                                                            NaN
Won Ticket to Finale                                                              NaN
Number of Times Best Performer                                                    NaN
Number of Times Worst Performer                                                   1.0
Secret Task                                                                       NaN
Social Media Popularity                                                          NaN
Finalist                                                                          0.0
Winner                                                                            0.0

                                                                                1040
\
Language                                                                    Malayalam
Season Number                                                                       5
Name                                                                   Sruthi Lakshmi
Profession                                                                Soap Actress
Gender                                                                        Female
Age                                                                              NaN
Entry Date                                                                  26-Mar-23
Elimination Date                                                                  NaN
Elimination Week Number                                                           8.0
Contestant Number                                                                17.0
```

```
Wild Card                                                                        No
Season Length                                                                    99
Number of Housemates                                                             21
Season Start Date                                                         26-Mar-23
Season End Date                                                            2-Jul-23
Host Name                                                                  Mohanlal
Guest Host Name                                                                 NaN
Prize Money (INR)                                                                 0
Broadcasted By                                                              Asianet
OTT Platform                                                        Disney+ Hotstar
Average TRP                                                                     NaN
Most Viewed States                                                          Kerala
House Location                                                              Mumbai
OTT Season                                                                       No
Season Slogan                      Battle of the Originals - The Fire Explodes!
Season Theme                                                                    NaN
Number of Evictions Faced                                                      3.0
Number of Times Elected as Captain                                             0.0
Number of Re-entries                                                           0.0
Walked                                                                         0.0
Ejected                                                                        0.0
In Secret-Room                                                                  NaN
Won Eviction Free Pass                                                          NaN
Won Ticket to Finale                                                            NaN
Number of Times Best Performer                                                 NaN
Number of Times Worst Performer                                                NaN
Secret Task                                                                     NaN
Social Media Popularity                                                        NaN
Finalist                                                                       0.0
Winner                                                                         0.0


                                                                             1041
\
Language                                                                 Malayalam
Season Number                                                                    5
Name                                                                   Vishnu Joshi
Profession                                                           Fitness Trainer
Gender                                                                        Male
Age                                                                            NaN
Entry Date                                                                26-Mar-23
Elimination Date                                                               NaN
Elimination Week Number                                                       12.0
Contestant Number                                                              6.0
Wild Card                                                                        No
Season Length                                                                    99
Number of Housemates                                                             21
Season Start Date                                                         26-Mar-23
```

```
Season End Date                               2-Jul-23
Host Name                                     Mohanlal
Guest Host Name                                    NaN
Prize Money (INR)                                    0
Broadcasted By                                 Asianet
OTT Platform                           Disney+ Hotstar
Average TRP                                        NaN
Most Viewed States                              Kerala
House Location                                  Mumbai
OTT Season                                          No
Season Slogan       Battle of the Originals - The Fire Explodes!
Season Theme                                       NaN
Number of Evictions Faced                          6.0
Number of Times Elected as Captain                 1.0
Number of Re-entries                               0.0
Walked                                             0.0
Ejected                                            0.0
In Secret-Room                                     NaN
Won Eviction Free Pass                             NaN
Won Ticket to Finale                               NaN
Number of Times Best Performer                     NaN
Number of Times Worst Performer                    3.0
Secret Task                                        NaN
Social Media Popularity                            NaN
Finalist                                           0.0
Winner                                             0.0

                                                  1042
\
Language                                     Malayalam
Season Number                                        5
Name                                      Hanan Hameed
Profession                            Social Media Star
Gender                                          Female
Age                                                NaN
Entry Date                                         NaN
Elimination Date                                   NaN
Elimination Week Number                            3.0
Contestant Number                                 19.0
Wild Card                                          Yes
Season Length                                       99
Number of Housemates                                21
Season Start Date                            26-Mar-23
Season End Date                               2-Jul-23
Host Name                                     Mohanlal
Guest Host Name                                    NaN
Prize Money (INR)                                    0
```

```
Broadcasted By                                                      Asianet
OTT Platform                                               Disney+ Hotstar
Average TRP                                                            NaN
Most Viewed States                                                  Kerala
House Location                                                      Mumbai
OTT Season                                                              No
Season Slogan            Battle of the Originals - The Fire Explodes!
Season Theme                                                          NaN
Number of Evictions Faced                                             0.0
Number of Times Elected as Captain                                    0.0
Number of Re-entries                                                  0.0
Walked                                                                1.0
Ejected                                                               0.0
In Secret-Room                                                        NaN
Won Eviction Free Pass                                               NaN
Won Ticket to Finale                                                 NaN
Number of Times Best Performer                                      NaN
Number of Times Worst Performer                                     NaN
Secret Task                                                          NaN
Social Media Popularity                                             NaN
Finalist                                                              0.0
Winner                                                               0.0

                                                                     1043

\
Language                                                        Malayalam
Season Number                                                          5
Name                                                          Omar Lulu
Profession                                                   Film Director
Gender                                                              Male
Age                                                                   NaN
Entry Date                                                            NaN
Elimination Date                                                      NaN
Elimination Week Number                                               6.0
Contestant Number                                                    20.0
Wild Card                                                             Yes
Season Length                                                         99
Number of Housemates                                                 21
Season Start Date                                               26-Mar-23
Season End Date                                                  2-Jul-23
Host Name                                                       Mohanlal
Guest Host Name                                                       NaN
Prize Money (INR)                                                      0
Broadcasted By                                                    Asianet
OTT Platform                                             Disney+ Hotstar
Average TRP                                                           NaN
Most Viewed States                                                Kerala
```

House Location	Mumbai
OTT Season	No
Season Slogan	Battle of the Originals - The Fire Explodes!
Season Theme	NaN
Number of Evictions Faced	1.0
Number of Times Elected as Captain	0.0
Number of Re-entries	0.0
Walked	0.0
Ejected	0.0
In Secret-Room	NaN
Won Eviction Free Pass	NaN
Won Ticket to Finale	NaN
Number of Times Best Performer	NaN
Number of Times Worst Performer	2.0
Secret Task	NaN
Social Media Popularity	NaN
Finalist	0.0
Winner	0.0

	1044
Language	Malayalam
Season Number	5
Name	Anu Joseph
Profession	Soap Actress
Gender	Female
Age	NaN
Entry Date	NaN
Elimination Date	NaN
Elimination Week Number	10.0
Contestant Number	21.0
Wild Card	Yes
Season Length	99
Number of Housemates	21
Season Start Date	26-Mar-23
Season End Date	2-Jul-23
Host Name	Mohanlal
Guest Host Name	NaN
Prize Money (INR)	0
Broadcasted By	Asianet
OTT Platform	Disney+ Hotstar
Average TRP	NaN
Most Viewed States	Kerala
House Location	Mumbai
OTT Season	No
Season Slogan	Battle of the Originals - The Fire Explodes!
Season Theme	NaN
Number of Evictions Faced	2.0

```
Number of Times Elected as Captain                    0.0
Number of Re-entries                                  0.0
Walked                                                0.0
Ejected                                               0.0
In Secret-Room                                        NaN
Won Eviction Free Pass                                NaN
Won Ticket to Finale                                  NaN
Number of Times Best Performer                        NaN
Number of Times Worst Performer                       NaN
Secret Task                                           NaN
Social Media Popularity                               NaN
Finalist                                              0.0
Winner                                                0.0
```

[7]: `bigg_boss.sample(10)`

[7]:

	Language	Season Number	Name	Profession	Gender
309	Hindi	16	Manya Singh	Pageant Winner	Female
124	Hindi	8	Natasa Stankovic	Model	Female
888	Marathi	3	Sonali Patil	Soap Actress	Female
59	Hindi	4	Dalip Singh Rana (Khali)	Wrestler	Male
343	Hindi	17	Jigna Vora	News Presenter	Female
364	Kannada	1	Vijay Raghavendra	Actor	Male
299	Hindi	15	Raqesh Bapat	Actor	Male
675	Telugu	6	Sri Satya	Soap Actress	Female
355	Kannada	1	Arun Sagar	Art Director	Male
940	Bengali	2	Sandy Rong	Choreographer	Male

	Age	Entry Date	Elimination Date	Elimination Week Number
309	NaN	1-Oct-22	NaN	3.0
124	NaN	21-Sep-14	NaN	4.0
888	NaN	19-Sep-21	NaN	13.0
59	NaN	NaN	8-Jan-11	14.0
343	NaN	15-Oct-23	NaN	NaN
364	Middle	24-Mar-13	NaN	NaN
299	NaN	NaN	NaN	6.0
675	NaN	4-Sep-22	16-Dec-22	15.0
355	NaN	24-Mar-13	30-Jun-13	14.0
940	NaN	4-Apr-16	NaN	NaN

	Contestant Number	Wild Card	Season Length	Number of Housemates
309	12.0	No	134	17
124	11.0	No	105	19
888	1.0	No	98	17
59	15.0	Yes	97	16
343	8.0	No	127	17
364	12.0	No	98	15

299	20.0	Yes	120	24
675	6.0	No	105	21
355	11.0	No	98	15
940	12.0	No	102	16

	Season Start Date	Season End Date	Host Name	Guest Host Name	\
309	1-Oct-22	12-Feb-23	Salman Khan	Karan Johar	
124	21-Sep-14	3-Jan-15	Salman Khan	Farah Khan	
888	19-Sep-21	26-Dec-21	Mahesh Manjrekar	Siddhartha Jadhav	
59	3-Oct-10	8-Jan-11	Salman Khan	NaN	
343	15-Oct-23	4-Feb-24	Salman Khan	NaN	
364	24-Mar-13	30-Jun-13	Sudeep	NaN	
299	2-Oct-21	30-Jan-22	Salman Khan	NaN	
675	4-Sep-22	18-Dec-22	Nagarjuna	NaN	
355	24-Mar-13	30-Jun-13	Sudeep	NaN	
940	4-Apr-16	15-Jul-16	Jeet	NaN	

	Prize Money (INR)	Broadcasted By	OTT Platform	Average TRP	\
309	0	Colors	Voot	NaN	
124	0	Colors	NaN	3.77	
888	0	Colors Marathi	Voot	NaN	
59	0	Colors	NaN	4.95	
343	NaN	Colors	JioCinema	NaN	
364	50,00,000	ETV Kannada	NaN	4.70	
299	0	Colors	Voot	NaN	
675	0	Star Maa	Disney+ Hotstar	8.40	
355	0	ETV Kannada	NaN	4.70	
940	0	Colors Bangla	NaN	6.50	

	Most Viewed States	House Location	\
309	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai	
124	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala	
888	Maharashtra	Mumbai	
59	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala	
343	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai	
364	Karnataka	Lonavala	
299	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai	
675	Telangana, Andhra Pradesh	Hyderabad	
355	Karnataka	Lonavala	
940	West Bengal	Lonavala	

	OTT Season	Season Slogan	Season Theme	\
309	No	Game Badlega, Kyunki Bigg Boss Khud Khelega	Circus	
124	No	NaN	NaN	
888	No	NaN	Cultural	
59	No	NaN	NaN	
343	No	Dil, Dimaag aur Dum	Europe streets	

364	No	Yes Sir	NaN
299	No	Sankat in Jungle	Jungle
675	No	NaN	NaN
355	No	Yes Sir	NaN
940	No	NaN	NaN

	Number of Evictions Faced	Number of Times Elected as Captain \
309	1.0	0.0
124	2.0	0.0
888	9.0	0.0
59	4.0	2.0
343	NaN	NaN
364	6.0	NaN
299	0.0	0.0
675	11.0	1.0
355	5.0	NaN
940	5.0	2.0

	Number of Re-entries	Walked	Ejected	In Secret-Room \
309	0.0	0.0	0.0	NaN
124	0.0	0.0	0.0	NaN
888	0.0	0.0	0.0	NaN
59	0.0	0.0	0.0	NaN
343	NaN	NaN	NaN	NaN
364	0.0	0.0	0.0	NaN
299	0.0	1.0	0.0	NaN
675	0.0	0.0	0.0	NaN
355	0.0	0.0	0.0	NaN
940	1.0	0.0	0.0	NaN

	Won Eviction Free Pass	Won Ticket to Finale \
309	NaN	NaN
124	NaN	NaN
888	NaN	NaN
59	NaN	NaN
343	NaN	NaN
364	NaN	NaN
299	NaN	NaN
675	NaN	NaN
355	NaN	NaN
940	NaN	NaN

	Number of Times Best Performer	Number of Times Worst Performer \
309	NaN	NaN
124	NaN	NaN
888	NaN	NaN
59	NaN	NaN

```
343                          NaN                          NaN
364                          NaN                          NaN
299                          NaN                          NaN
675                          NaN                          1.0
355                          NaN                          NaN
940                          NaN                          NaN
```

```
     Secret Task  Social Media Popularity  Finalist  Winner
309          NaN                      NaN       0.0     0.0
124          NaN                      NaN       0.0     0.0
888          NaN                      NaN       0.0     0.0
59           NaN                      NaN       1.0     0.0
343          NaN                      NaN       NaN     NaN
364          NaN                      NaN       1.0     1.0
299          NaN                      NaN       0.0     0.0
675          NaN                      7.0       1.0     0.0
355          NaN                      NaN       1.0     0.0
940          NaN                      NaN       0.0     0.0
```

[8]: `bigg_boss.info()`

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1045 entries, 0 to 1044
Data columns (total 40 columns):
 #   Column                    Non-Null Count   Dtype
---  ------                    --------------   -----
 0   Language                  1045 non-null    object
 1   Season Number             1045 non-null    object
 2   Name                      1045 non-null    object
 3   Profession                1045 non-null    object
 4   Gender                    1044 non-null    object
 5   Age                       210 non-null     object
 6   Entry Date                914 non-null     object
 7   Elimination Date          194 non-null     object
 8   Elimination Week Number   855 non-null     float64
 9   Contestant Number         966 non-null     float64
 10  Wild Card                 1045 non-null    object
 11  Season Length             1045 non-null    int64
 12  Number of Housemates      1045 non-null    int64
 13  Season Start Date         1045 non-null    object
 14  Season End Date           1045 non-null    object
 15  Host Name                 1045 non-null    object
 16  Guest Host Name           143 non-null     object
 17  Prize Money (INR)         980 non-null     object
 18  Broadcasted By            967 non-null     object
 19  OTT Platform              633 non-null     object
 20  Average TRP               591 non-null     float64
```

```
21  Most Viewed States                 1045 non-null   object
22  House Location                     1045 non-null   object
23  OTT Season                         1045 non-null   object
24  Season Slogan                      473 non-null    object
25  Season Theme                       406 non-null    object
26  Number of Evictions Faced          1004 non-null   float64
27  Number of Times Elected as Captain 947 non-null    float64
28  Number of Re-entries               973 non-null    float64
29  Walked                             975 non-null    float64
30  Ejected                            973 non-null    float64
31  In Secret-Room                     37 non-null     float64
32  Won Eviction Free Pass             24 non-null     float64
33  Won Ticket to Finale               22 non-null     float64
34  Number of Times Best Performer     21 non-null     float64
35  Number of Times Worst Performer    46 non-null     float64
36  Secret Task                        9 non-null      object
37  Social Media Popularity            181 non-null    float64
38  Finalist                           974 non-null    float64
39  Winner                             982 non-null    float64
dtypes: float64(16), int64(2), object(22)
memory usage: 326.7+ KB
```

[9]: ```
bigg_boss.describe().T.round(2).style.background_gradient(cmap = 'Blues')
```

[9]: `<pandas.io.formats.style.Styler at 0x7ca67f925e10>`

[10]: ```
bigg_boss['Season Start Date'] = pd.to_datetime(bigg_boss['Season Start Date'])
bigg_boss['Season End Date'] = pd.to_datetime(bigg_boss['Season End Date'])
bigg_boss['Entry Date'] = pd.to_datetime(bigg_boss['Entry Date'])
bigg_boss['Elimination Date'] = pd.to_datetime(bigg_boss['Elimination Date'])
```

[11]: ```
bigg_boss['Finalist'] = bigg_boss['Finalist'].astype(pd.Int32Dtype())
bigg_boss['Elimination Week Number'] = bigg_boss['Elimination Week Number'].
 ↪astype(pd.Int32Dtype())
bigg_boss['Number of Evictions Faced'] = bigg_boss['Number of Evictions Faced'].
 ↪astype(pd.Int32Dtype())
bigg_boss['Number of Re-entries'] = bigg_boss['Number of Re-entries'].astype(pd.
 ↪Int32Dtype())
bigg_boss['Number of Times Elected as Captain'] = bigg_boss['Number of Times␣
 ↪Elected as Captain'].astype(pd.Int32Dtype())
bigg_boss['Social Media Popularity'] = bigg_boss['Social Media Popularity'].
 ↪astype(pd.Int32Dtype())

bigg_boss['Prize Money (INR)'] = bigg_boss['Prize Money (INR)'].str.
 ↪replace(',','')
bigg_boss['Prize Money (INR)'] = pd.to_numeric(bigg_boss['Prize Money (INR)'])
```

```
bigg_boss.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1045 entries, 0 to 1044
Data columns (total 40 columns):
 #   Column                            Non-Null Count  Dtype
---  ------                            --------------  -----
 0   Language                          1045 non-null   object
 1   Season Number                     1045 non-null   object
 2   Name                              1045 non-null   object
 3   Profession                        1045 non-null   object
 4   Gender                            1044 non-null   object
 5   Age                               210 non-null    object
 6   Entry Date                        914 non-null    datetime64[ns]
 7   Elimination Date                  194 non-null    datetime64[ns]
 8   Elimination Week Number           855 non-null    Int32
 9   Contestant Number                 966 non-null    float64
 10  Wild Card                         1045 non-null   object
 11  Season Length                     1045 non-null   int64
 12  Number of Housemates              1045 non-null   int64
 13  Season Start Date                 1045 non-null   datetime64[ns]
 14  Season End Date                   1045 non-null   datetime64[ns]
 15  Host Name                         1045 non-null   object
 16  Guest Host Name                   143 non-null    object
 17  Prize Money (INR)                 980 non-null    float64
 18  Broadcasted By                    967 non-null    object
 19  OTT Platform                      633 non-null    object
 20  Average TRP                       591 non-null    float64
 21  Most Viewed States                1045 non-null   object
 22  House Location                    1045 non-null   object
 23  OTT Season                        1045 non-null   object
 24  Season Slogan                     473 non-null    object
 25  Season Theme                      406 non-null    object
 26  Number of Evictions Faced         1004 non-null   Int32
 27  Number of Times Elected as Captain 947 non-null   Int32
 28  Number of Re-entries              973 non-null    Int32
 29  Walked                            975 non-null    float64
 30  Ejected                           973 non-null    float64
 31  In Secret-Room                    37 non-null     float64
 32  Won Eviction Free Pass            24 non-null     float64
 33  Won Ticket to Finale              22 non-null     float64
 34  Number of Times Best Performer    21 non-null     float64
 35  Number of Times Worst Performer   46 non-null     float64
 36  Secret Task                       9 non-null      object
 37  Social Media Popularity           181 non-null    Int32
 38  Finalist                          974 non-null    Int32
 39  Winner                            982 non-null    float64
```

```
dtypes: Int32(6), datetime64[ns](4), float64(11), int64(2), object(17)
memory usage: 308.3+ KB
```

[12]:
```python
# Unique values in each column
for col in bigg_boss.columns:
    print("Number of unique values in", col, "-", bigg_boss[col].nunique())
```

```
Number of unique values in Language - 7
Number of unique values in Season Number - 23
Number of unique values in Name - 981
Number of unique values in Profession - 84
Number of unique values in Gender - 4
Number of unique values in Age - 3
Number of unique values in Entry Date - 67
Number of unique values in Elimination Date - 120
Number of unique values in Elimination Week Number - 20
Number of unique values in Contestant Number - 24
Number of unique values in Wild Card - 2
Number of unique values in Season Length - 23
Number of unique values in Number of Housemates - 11
Number of unique values in Season Start Date - 58
Number of unique values in Season End Date - 55
Number of unique values in Host Name - 15
Number of unique values in Guest Host Name - 7
Number of unique values in Prize Money (INR) - 18
Number of unique values in Broadcasted By - 12
Number of unique values in OTT Platform - 3
Number of unique values in Average TRP - 31
Number of unique values in Most Viewed States - 7
Number of unique values in House Location - 6
Number of unique values in OTT Season - 2
Number of unique values in Season Slogan - 26
Number of unique values in Season Theme - 22
Number of unique values in Number of Evictions Faced - 15
Number of unique values in Number of Times Elected as Captain - 6
Number of unique values in Number of Re-entries - 4
Number of unique values in Walked - 3
Number of unique values in Ejected - 2
Number of unique values in In Secret-Room - 1
Number of unique values in Won Eviction Free Pass - 1
Number of unique values in Won Ticket to Finale - 1
Number of unique values in Number of Times Best Performer - 5
Number of unique values in Number of Times Worst Performer - 3
Number of unique values in Secret Task - 2
Number of unique values in Social Media Popularity - 8
Number of unique values in Finalist - 2
Number of unique values in Winner - 2
```

```
[13]:  # Number of seasons in all Indian languages
       print("Total", bigg_boss.groupby('Language')['Season Number'].nunique().sum(),
         ↪"seasons broadcasted (in TV & OTT)")
       print(bigg_boss['Winner'].sum().astype(int) + 2, "seasons completed")
       print(bigg_boss.loc[bigg_boss['Winner'].isnull(), :].
         ↪groupby('Language')['Season Number'].nunique().sum(), "season(s) running")

       # For Bigg Boss Hindi season 8 & Malayalam season 2 winners were not declared
```

```
Total 58 seasons broadcasted (in TV & OTT)
54 seasons completed
4 season(s) running
```

```
[14]:  # Seasons broadcasted ONLY in OTT platforms, eventually in TV
       print(bigg_boss.loc[bigg_boss['OTT Season']=='Yes'].groupby('Language')['Season
         ↪Number'].nunique().sum(), "seasons broadcasted ONLY in OTT platforms
         ↪(eventually in Television)")
```

```
5 seasons broadcasted ONLY in OTT platforms (eventually in Television)
```

0.3 Bigg Boss Hindi has many seasons compared to other Indian languages. So, the number of housemates are more in Hindi.

```
[15]:  # Number of seasons in each Indian language
       print(bigg_boss.groupby('Language')['Season Number'].nunique().nlargest(10))
```

```
Language
Hindi        20
Kannada      11
Tamil         8
Telugu        8
Malayalam     5
Marathi       4
Bengali       2
Name: Season Number, dtype: int64
```

```
[16]:  # Total number of Bigg Boss housemates, language wise
       fig = plt.figure(figsize=(13, 5))
       ax = sns.countplot(x='Language', data=bigg_boss, order=bigg_boss['Language'].
         ↪value_counts().index)
       ax.set_title('Bigg Boss Series - Indian Languages and Total Housemates',
         ↪fontsize=14)
       plt.xticks(fontsize=16)
       plt.yticks([])
       plt.xlabel("Language", fontsize=13)
       plt.ylabel("")
       for t in ax.patches:
```

```
    if (np.isnan(float(t.get_height()))):
        ax.annotate(0, (t.get_x(), 0))
    else:
        ax.annotate(str(format(int(t.get_height()), ',d')), (t.get_x(), t.
 ↪get_height()*1.01), size=13)
```

Bigg Boss Series - Indian Languages and Total Housemates
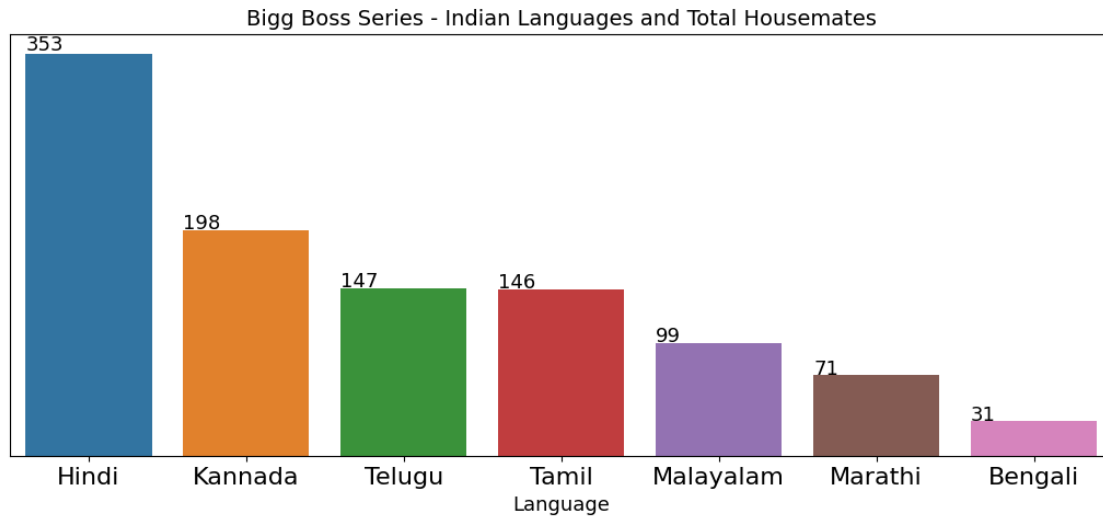
0.4 In Bigg Boss India seasons, most of the housemates entered in first day/week

```
[17]:  # Number of normal entries and wild card entries
       print(bigg_boss['Wild Card'].value_counts(), "\n")
       print(round(bigg_boss['Wild Card'].value_counts(normalize=True)*100).
         ↪astype(str).str.replace('.0', '%', regex=False), "\n")

       plt.figure(figsize=(15, 8))
       ax1=plt.subplot(221)
       bigg_boss['Wild Card'].value_counts().plot(kind='bar',␣
         ↪color=["lightblue","pink"], ec="k")
       plt.xlabel("Will card entry or not ?", fontsize=15)
       plt.xticks(rotation=0, fontsize=16)
       plt.setp(ax1.get_yticklabels(), visible=False)

       for x,y in enumerate(bigg_boss['Wild Card'].value_counts()):
           plt.annotate(y, (x,y), fontsize=13, color="blue")

       ax2=plt.subplot(222)
       bigg_boss['Wild Card'].value_counts().plot(kind='pie', autopct='%.0f%%',␣
         ↪explode=(0,0.10), colors=["lightblue","pink"], shadow=True, fontsize=13)
```

```
Wild Card
No      898
Yes     147
Name: count, dtype: int64

Wild Card
No      86%
Yes     14%
Name: proportion, dtype: object
```

[17]: `<Axes: ylabel='count'>`
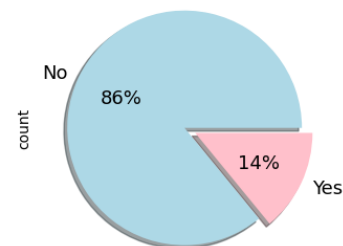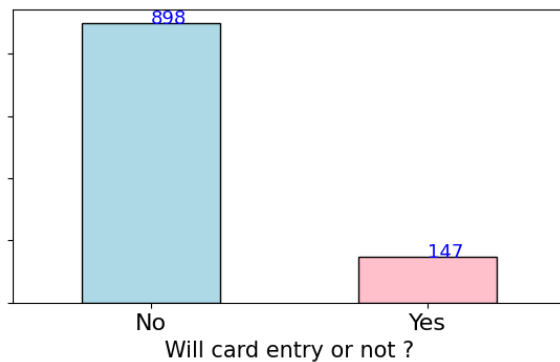
[18]:
```python
# Common people has many professions, so clubbing them into one category
bigg_boss['Profession'] = bigg_boss['Profession'].fillna('UNKNOWN')
bigg_boss.loc[bigg_boss['Profession'].str.contains('Commoner'),'Profession'] =␣
 ↪'Commoner'
```

0.5 Number of film actresses entered into the Bigg Boss houses, are more when compared to other professions

[19]:
```python
# Participant's Profession
print(bigg_boss['Profession'].value_counts())
fig = plt.figure(figsize=(20, 6))
sns.countplot(x='Profession', data=bigg_boss, order=bigg_boss['Profession'].
 ↪value_counts().index)
plt.xticks(fontsize=14, rotation=90)
plt.xlabel("Profession", fontsize=14)
plt.ylabel("Count", fontsize=16)
```

```
Profession
Actress             204
Actor               135
Soap Actress        116
```

Model	71
Soap Actor	64
Singer	64
Social Media Star	48
Commoner	41
Comedian	37
Reality Show Alumni	27
TV Anchor	25
News Presenter	22
Choreographer	21
Radio Jockey	21
Activist	17
Pageant Winner	14
Sports Person	11
Film Director	10
Video Jockey	8
Dancer	8
Politician	7
International Star	6
Entrepreneur	5
Controversial Fame	4
Swamiji	4
Numerologist	3
Producer	3
Journalist	3
Wrestler	3
Musician	3
Art Director	2
Film director	2
Lyricist	2
Theatre Artist	2
Folk Artist	2
Fitness Trainer	2
Doctor	2
Stage Actress	2
Lawyer	2
Fashion Designer	2
Businessman	1
Air Hostess	1
Photograher	1
Magician	1
Actor & Actress	1
Dubbing Artist	1
International star	1
Author	1
Astrologer	1
Gym Trainer	1
Preacher	1

```
Chef                      1
Writer                    1
Pharmacist                1
Film Critic               1
Farmer                    1
Snake enthusiast          1
Cartoonist                1
Celebrity Hairstylist     1
Political Analyst         1
Name: count, dtype: int64
```

[19]: Text(0, 0.5, 'Count')
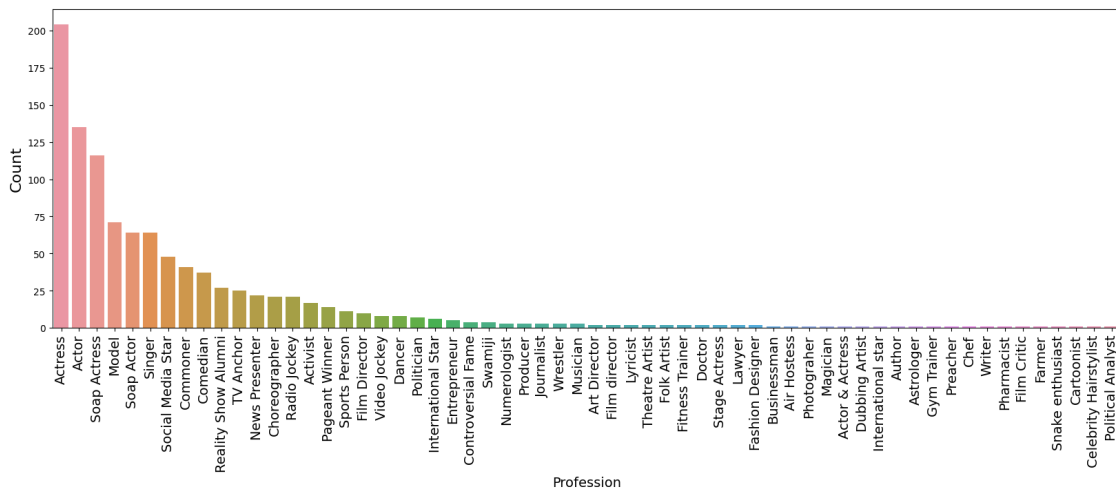
[20]:
```python
# TV Broadcaster
fig = plt.figure(figsize=(20, 5))
ax = sns.countplot(x='Broadcasted By', data=bigg_boss, palette='RdBu',
 ↪order=bigg_boss['Broadcasted By'].value_counts().index)
ax.set_title('Bigg Boss Series - Indian TV Broadcaster & Total Number of
 ↪Housemates', fontsize=14)
plt.xticks(fontsize=13, rotation=45)
plt.yticks([])
plt.xlabel("Broadcasted By", fontsize=14)
plt.ylabel("")
for t in ax.patches:
    if (np.isnan(float(t.get_height()))):
        ax.annotate(0, (t.get_x(), 0))
    else:
        ax.annotate(str(format(int(t.get_height()), ',d')), (t.get_x(), t.
 ↪get_height()*1.01), size=14)
```

Bigg Boss Series - Indian TV Broadcaster & Total Number of Housemates
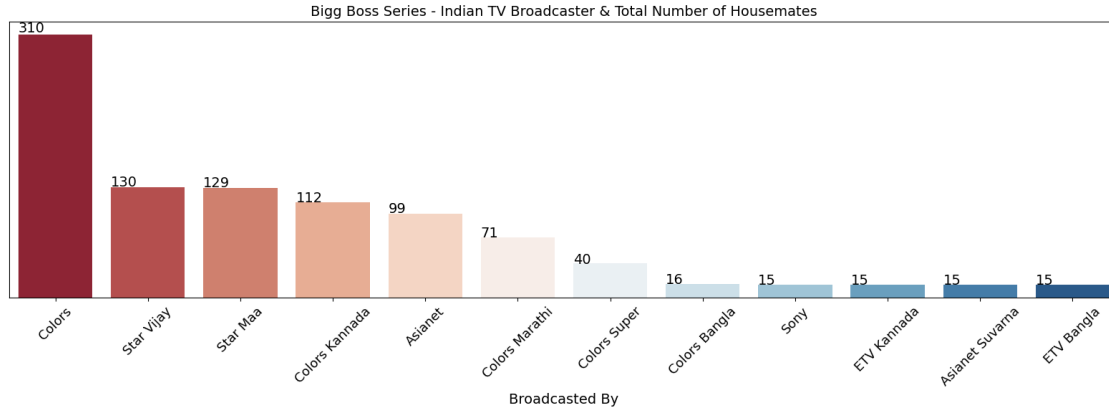
[21]:
```
# Media House
fig = plt.figure(figsize=(15, 5))
ax = sns.countplot(x=bigg_boss['Broadcasted By'].str.split().str.get(0).
 ↪replace('Disney+', 'Star'), data=bigg_boss, palette='Set3',␣
 ↪order=bigg_boss['Broadcasted By'].str.split().str.get(0).replace('Disney+',␣
 ↪'Star').value_counts().index)
ax.set_title('BiggBoss Series - Media House & Total Number of Housemates',␣
 ↪fontsize=14)
plt.xticks(fontsize=15)
plt.yticks([])
plt.xlabel("Broadcasted By", fontsize=14)
plt.ylabel("")
for t in ax.patches:
    if (np.isnan(float(t.get_height()))):
        ax.annotate(0, (t.get_x(), 0))
    else:
        ax.annotate(str(format(int(t.get_height()), ',d')), (t.get_x(), t.
 ↪get_height()*1.01), size=14)
```


BiggBoss Series - Media House & Total Number of Housemates
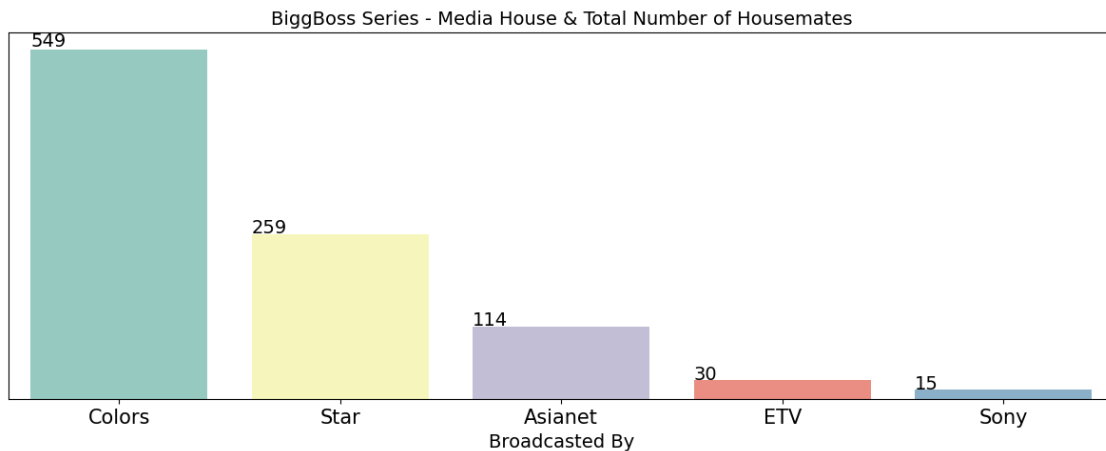
```
[22]: # OTT platforms
      fig = plt.figure(figsize=(15, 5))
      ax = sns.countplot(x=bigg_boss['OTT Platform'], data=bigg_boss, palette='Set1',␣
       ↪order=bigg_boss['OTT Platform'].value_counts().index)
      #ax = sns.countplot(x=bigg_boss['OTT Platform'].str.split().str.get(0).
       ↪replace('Voot', 'JioCinema'), data=bigg_boss, palette='Set3',␣
       ↪order=bigg_boss['OTT Platform'].str.split().str.get(0).replace('Voot',␣
       ↪'JioCinema').value_counts().index)
      ax.set_title('BiggBoss Series - OTT Platform & Total Number of Housemates',␣
       ↪fontsize=14)
      plt.xticks(fontsize=15)
      plt.yticks([])
      plt.xlabel("OTT Platform", fontsize=14)
      plt.ylabel("")
      for t in ax.patches:
          if (np.isnan(float(t.get_height()))):
              ax.annotate(0, (t.get_x(), 0))
          else:
              ax.annotate(str(format(int(t.get_height()), ',d')), (t.get_x(), t.
       ↪get_height()*1.01), size=14)
```


BiggBoss Series - OTT Platform & Total Number of Housemates
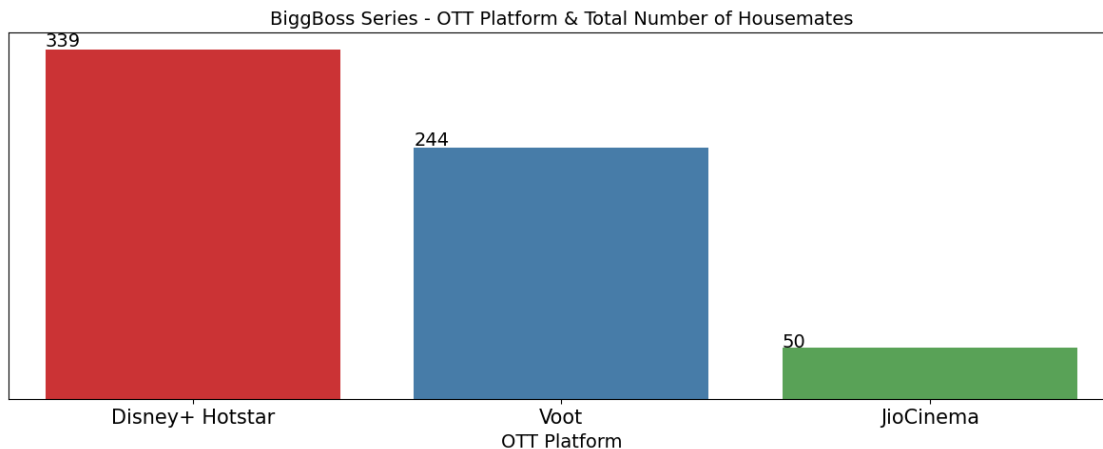
0.6 Salman Khan hosted most number of seasons (in Bigg Boss Hindi), Sudeep is next on the list

```
[23]: # Bigg Boss main hosts and number of seasons they hosted
      bigg_boss.groupby('Host Name')['Season Number'].nunique().nlargest(25)
```

```
[23]: Host Name
      Salman Khan            15
      Sudeep                 11
      Kamal Haasan            8
      Nagarjuna               6
      Mohanlal                5
      Mahesh Manjrekar        4
      Amitabh Bachchan        1
      Arshad Warsi            1
      Farah Khan              1
      Jeet                    1
      Jr. NTR                 1
      Karan Johar             1
      Mithun Chakraborthy     1
      Nani                    1
      Shilpa Shetty           1
      Name: Season Number, dtype: int64
```

```
[24]: # Temporary or Guest host who hosted the week-end episodes
      bigg_boss.groupby('Guest Host Name')['Season Number'].nunique().nlargest(10)
```

```
[24]: Guest Host Name
      Ramya Krishnan       2
      Farah Khan           1
      Karan Johar          1
      Samantha             1
      Sanjay Dutt          1
      Siddhartha Jadhav    1
      Simbu                1
      Name: Season Number, dtype: int64
```

0.7 In all Bigg Boss competitions, in languages and in all seasons, Female contestants are more

```
[25]: # Housemate's Gender
      print(bigg_boss['Gender'].value_counts(), "\n")

      # In percentage
      print(round(bigg_boss['Gender'].value_counts(normalize=True)*100).astype(str).
       ↪str.replace('.0', '%'), "\n")

      ax = sns.countplot(data = bigg_boss, x = 'Gender')
      ax.set_title('Total Number of Housemates - Genderwise', fontsize=14)
      plt.xticks(fontsize=15)
      plt.yticks([])
      plt.xlabel("Gender", fontsize=16)
      plt.ylabel("")
```

```
for t in ax.patches:
    if (np.isnan(float(t.get_height()))):
        ax.annotate(0, (t.get_x(), 0))
    else:
        ax.annotate(str(format(int(t.get_height()), ',d')), (t.get_x(), t.
↪get_height()*1.01), size=13)
```

```
Gender
Female        542
Male          491
Transgender     9
Pair            2
Name: count, dtype: int64

Gender
Female        52%
Male          47%
Transgender    1%
Pair           0%
Name: proportion, dtype: object
```

Total Number of Housemates - Genderwise
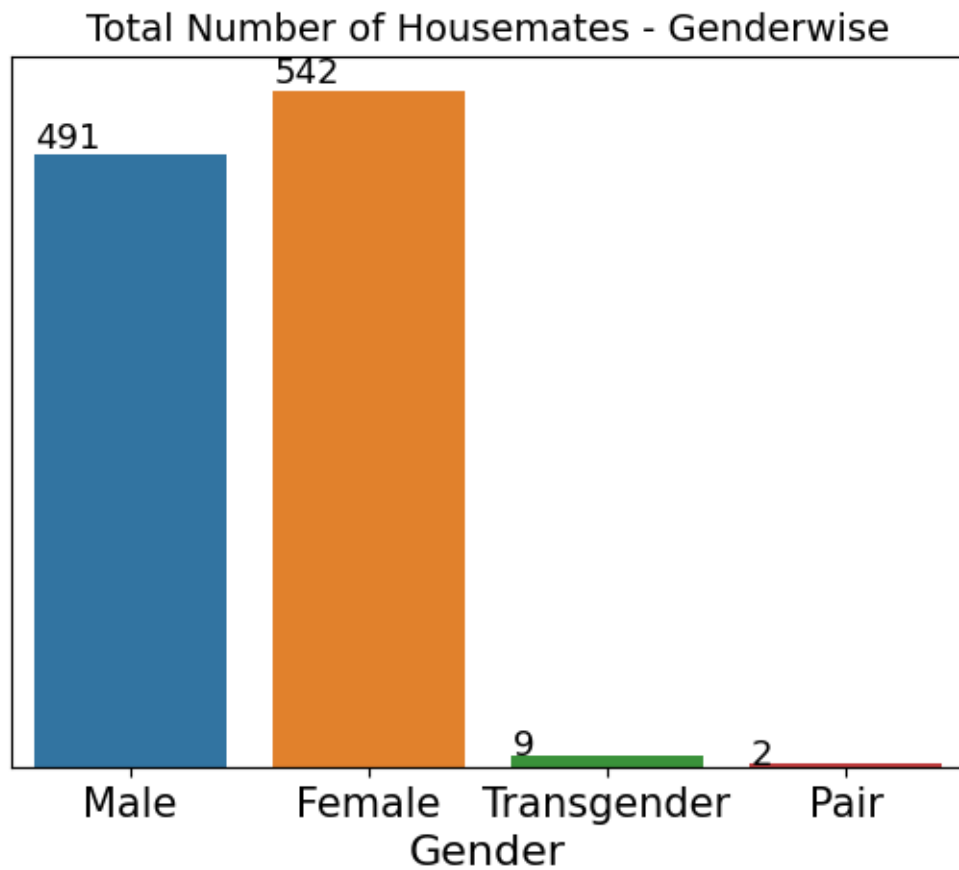
0.7.1 8 Transgenders (LGBTQIA+) participated in all Indian languages

```
[26]: # Maximum TRP of Bigg Boss India seasons (Big Brother in India)
      print("Maximum TRP", bigg_boss['Average TRP'].max(), "\n")
      print(bigg_boss.loc[bigg_boss['Average TRP']==bigg_boss['Average TRP'].
       ↪max()][["Language","Season Number"]].head(1).to_string(index=False))
```

```
Maximum TRP 20.1

Language Season Number
   Telugu            4
```

```
[27]: # Smallest season of Indian Bigg Boss seasons
      print("Smallest season", bigg_boss['Season Length'].min(), "days \n")
      print(bigg_boss.loc[bigg_boss['Season Length']==bigg_boss['Season Length'].
       ↪min()][["Language","Season Number"]].head(1).to_string(index=False))
```

```
Smallest season 28 days

Language Season Number
    Hindi     Halla Bol
```

```
[28]: # Longest season of Bigg Boss Indian seasons
      print("Longest season", bigg_boss['Season Length'].max(), "days \n")
      print(bigg_boss.loc[bigg_boss['Season Length']==bigg_boss['Season Length'].
       ↪max()][["Language","Season Number"]].head(1).to_string(index=False))
```

```
Longest season 141 days

Language Season Number
    Hindi           14
```

0.8 Shark Tank India data set https://www.kaggle.com/datasets/thirumani/shark-tank-india

```
[29]: print("Maximum number of contestants in one season:", bigg_boss['Number of␣
       ↪Housemates'].max(), "\n")
      print(bigg_boss.loc[bigg_boss['Number of Housemates']==bigg_boss['Number of␣
       ↪Housemates'].max()][["Language","Season Number"]].head(1).
       ↪to_string(index=False))
```

```
Maximum number of contestants in one season: 24

Language Season Number
    Hindi           15
```

```python
print("Maximum number of evictions faced in one season:", bigg_boss['Number of
 ↪Evictions Faced'].max(), "\n")
print("\nTop 5 contestants who faced highest/maximum number of evictions\n")
print(bigg_boss.loc[bigg_boss['Number of Evictions Faced']>=bigg_boss['Number
 ↪of Evictions Faced'].max()-1][["Language","Season Number","Name","Number of
 ↪Evictions Faced"]].head(10).sort_values("Number of Evictions
 ↪Faced",ascending=False).to_string(index=False))
```

Maximum number of evictions faced in one season: 14

Top 5 contestants who faced highest/maximum number of evictions

Language	Season Number	Name	Number of Evictions Faced
Hindi	14	Rubina Dilaik	14
Kannada	8	Prashanth Sambargi	14
Hindi	13	Arti Singh	13
Kannada	7	Chandan Achar	13
Tamil	6	Mohammed Azeem	13

```python
bigg_boss['Season Length in weeks'] = round(bigg_boss['Season Length']/7,0).
 ↪astype(pd.Int32Dtype())
bigg_boss['Evictions Faced Percentage'] = round(bigg_boss['Number of Evictions
 ↪Faced']/bigg_boss['Season Length in weeks']*100,0).astype(pd.Int32Dtype())
print("Maximum percentage of evictions faced in one season:",
 ↪bigg_boss['Evictions Faced Percentage'].max(), "%\n")
print("\nTop 5 contestants who faced maximum percentage of evictions (they were
 ↪in nominations almost every week)\n")
print(bigg_boss.loc[bigg_boss['Evictions Faced
 ↪Percentage']>=bigg_boss['Evictions Faced Percentage'].
 ↪max()-10][["Language","Season Number","Name","Number of Evictions
 ↪Faced","Season Length in weeks","Evictions Faced Percentage"]].head(8).
 ↪sort_values("Evictions Faced Percentage",ascending=False).
 ↪to_string(index=False))
```

Maximum percentage of evictions faced in one season: 100 %

Top 5 contestants who faced maximum percentage of evictions (they were in
nominations almost every week)

Language	Season Number	Name	Number of Evictions Faced	Season Length in weeks	Evictions Faced Percentage
Hindi	Halla Bol	Dimpy Ganguly	4	4	100
Hindi	Halla Bol	Sambhavna Seth	4	4	100

```
    Kannada              OTT Jayashree Aradhaya                            6
6                                100
    Tamil        Ultimate       Maria Juliana                            10
10                               100
    Telugu       Non-Stop       Mitraaw Sharma                           11
12                               92
```

[32]:
```python
print("Maximum number of re-entries:", bigg_boss['Number of Re-entries'].max(),
↪"\n")
print(bigg_boss.loc[bigg_boss['Number of Re-entries']>=bigg_boss['Number of
↪Re-entries'].max()-1][["Language","Season Number","Name","Number of
↪Re-entries"]].head(10).sort_values("Number of Re-entries",ascending=False).
↪to_string(index=False))
```

```
Maximum number of re-entries: 3

Language Season Number           Name  Number of Re-entries
   Hindi            16     Tina Datta                     3
   Hindi             2 Raja Chaudhary                     2
   Hindi            10 Priyanka Jagga                     2
   Hindi            14    Vikas Gupta                     2
  Telugu             1   Mumaith Khan                     2
  Telugu             2    Nutan Naidu                     2
```

[33]:
```python
print("Maximum number of times elected as captain:", bigg_boss['Number of Times
↪Elected as Captain'].max(), "\n")
print(bigg_boss.loc[bigg_boss['Number of Times Elected as
↪Captain']>=bigg_boss['Number of Times Elected as Captain'].
↪max()-1][["Language","Season Number","Name","Number of Times Elected as
↪Captain"]].head(8).sort_values("Number of Times Elected as
↪Captain",ascending=False).to_string(index=False))
```

```
Maximum number of times elected as captain: 5

 Language Season Number                  Name  Number of Times Elected as
Captain
    Hindi            12         Surbhi Rana
5
    Hindi            16 Nimrit Kaur Ahluwalia
5
    Hindi             1           Rahul Roy
4
    Hindi             9       Prince Narula
4
    Hindi            16        Shiv Thakare
4
    Tamil             6    Manikandan Rajesh
4
```

```
    Malayalam                2            Saju Navodaya
    4
```

[34]:
```python
# Number of seasons in Bigg Boss house location
print(bigg_boss.groupby('House Location')['Season Number'].nunique().
  ↪nlargest(10))
```

```
House Location
Lonavala      12
Mumbai        11
Bengaluru      9
Chennai        8
Hyderabad      7
Karjat         1
Name: Season Number, dtype: int64
```

[35]:
```python
# 81 persons walked out from the BB houses, due to health/personal reasons
print(bigg_boss.loc[bigg_boss['Walked']>=1]['Name'].count())
bigg_boss.loc[bigg_boss['Walked']>=1]
```

```
83
```

[35]:

	Language	Season Number	Name	Profession
16	Hindi	2	Ashutosh Kaushik	Reality Show Alumni
19	Hindi	2	Jade Goody	International Star
23	Hindi	2	Rahul Mahajan	Politician
24	Hindi	2	Raja Chaudhary	Actor
28	Hindi	2	Zulfi Syed	Model
…	…	…	…	…
1021	Malayalam	4	Manikandan Thonnakkal	Social Media Star
1024	Malayalam	5	Aiswarya Suresh	Dancer
1033	Malayalam	5	Nadira Mehrin	Journalist
1035	Malayalam	5	Rinosh George	Singer
1042	Malayalam	5	Hanan Hameed	Social Media Star

	Gender	Age	Entry Date	Elimination Date
16	Male	Middle	2008-08-17	NaT
19	Female	NaN	2008-08-17	NaT
23	Male	NaN	2008-08-17	NaT
24	Male	NaN	2008-08-17	2008-11-22
28	Male	NaN	2008-08-17	2008-11-22
…	…	…	…	…
1021	Male	NaN	NaT	NaT
1024	Female	NaN	2023-03-26	NaT
1033	Transgender	NaN	2023-03-26	NaT
1035	Male	NaN	2023-03-26	NaT
1042	Female	NaN	NaT	NaT

	Elimination Week Number	Contestant Number	Wild Card	Season Length \
16	<NA>	10.0	No	98
19	<NA>	14.0	No	98
23	<NA>	5.0	No	98
24	14	9.0	No	98
28	14	8.0	No	98
…	…	…	…	…
1021	4	18.0	Yes	98
1024	5	15.0	No	99
1033	14	14.0	No	99
1035	13	2.0	No	99
1042	3	19.0	Yes	99

	Number of Housemates	Season Start Date	Season End Date	Host Name \
16	15	2008-08-17	2008-11-22	Shilpa Shetty
19	15	2008-08-17	2008-11-22	Shilpa Shetty
23	15	2008-08-17	2008-11-22	Shilpa Shetty
24	15	2008-08-17	2008-11-22	Shilpa Shetty
28	15	2008-08-17	2008-11-22	Shilpa Shetty
…	…	…	…	…
1021	20	2022-03-27	2022-07-03	Mohanlal
1024	21	2023-03-26	2023-07-02	Mohanlal
1033	21	2023-03-26	2023-07-02	Mohanlal
1035	21	2023-03-26	2023-07-02	Mohanlal
1042	21	2023-03-26	2023-07-02	Mohanlal

	Guest Host Name	Prize Money (INR)	Broadcasted By	OTT Platform \
16	NaN	10000000.0	Colors	NaN
19	NaN	0.0	Colors	NaN
23	NaN	0.0	Colors	NaN
24	NaN	0.0	Colors	NaN
28	NaN	0.0	Colors	NaN
…	…	…	…	…
1021	NaN	0.0	Asianet	Disney+ Hotstar
1024	NaN	0.0	Asianet	Disney+ Hotstar
1033	NaN	0.0	Asianet	Disney+ Hotstar
1035	NaN	0.0	Asianet	Disney+ Hotstar
1042	NaN	0.0	Asianet	Disney+ Hotstar

	Average TRP	Most Viewed States \
16	2.89	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
19	2.89	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
23	2.89	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
24	2.89	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
28	2.89	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
…	…	…
1021	8.10	Kerala

```
1024           NaN                                          Kerala
1033           NaN                                          Kerala
1035           NaN                                          Kerala
1042           NaN                                          Kerala


     House Location OTT Season                              Season Slogan  \
16          Lonavala         No                                       NaN
19          Lonavala         No                                       NaN
23          Lonavala         No                                       NaN
24          Lonavala         No                                       NaN
28          Lonavala         No                                       NaN
…                  …          …                                         …
1021          Mumbai         No                  Things will be Colourful
1024          Mumbai         No  Battle of the Originals - The Fire Explodes!
1033          Mumbai         No  Battle of the Originals - The Fire Explodes!
1035          Mumbai         No  Battle of the Originals - The Fire Explodes!
1042          Mumbai         No  Battle of the Originals - The Fire Explodes!


     Season Theme  Number of Evictions Faced  \
16           NaN                          5
19           NaN                          0
23           NaN                          5
24           NaN                          6
28           NaN                          4
…              …                          …
1021         NaN                          0
1024         NaN                          3
1033         NaN                          5
1035         NaN                          6
1042         NaN                          0


     Number of Times Elected as Captain  Number of Re-entries  Walked  \
16                                    0                     1     1.0
19                                    0                     0     1.0
23                                    0                     1     1.0
24                                    0                     2     1.0
28                                    0                     1     1.0
…                                     …                     …       …
1021                                  0                     0     1.0
1024                                  0                     0     1.0
1033                                  1                     0     1.0
1035                                  0                     0     1.0
1042                                  0                     0     1.0


     Ejected  In Secret-Room  Won Eviction Free Pass  Won Ticket to Finale  \
16      0.0             NaN                     NaN                   NaN
19      0.0             NaN                     NaN                   NaN
```

23	1.0	NaN	NaN	NaN
24	0.0	1.0	1.0	NaN
28	0.0	NaN	NaN	NaN
...	...	...	...	...
1021	0.0	NaN	NaN	NaN
1024	0.0	NaN	NaN	NaN
1033	0.0	NaN	NaN	1.0
1035	0.0	NaN	NaN	NaN
1042	0.0	NaN	NaN	NaN

	Number of Times Best Performer	Number of Times Worst Performer \
16	NaN	NaN
19	NaN	NaN
23	NaN	NaN
24	NaN	NaN
28	NaN	NaN
...	...	...
1021	NaN	NaN
1024	NaN	NaN
1033	NaN	2.0
1035	NaN	1.0
1042	NaN	NaN

	Secret Task	Social Media Popularity	Finalist	Winner \
16	NaN	<NA>	1	1.0
19	NaN	<NA>	0	0.0
23	NaN	<NA>	0	0.0
24	NaN	<NA>	1	0.0
28	NaN	<NA>	1	0.0
...	...	...	...	...
1021	NaN	<NA>	0	0.0
1024	NaN	<NA>	0	0.0
1033	NaN	<NA>	1	0.0
1035	NaN	<NA>	0	0.0
1042	NaN	<NA>	0	0.0

	Season Length in weeks	Evictions Faced Percentage
16	14	36
19	14	0
23	14	36
24	14	43
28	14	29
...	...	...
1021	14	0
1024	14	21
1033	14	36
1035	14	43

```
1042                    14                              0

[83 rows x 42 columns]
```

```
[36]:   # 37 persons ejected from the BB houses, due to violation/legal issues
        print(bigg_boss.loc[bigg_boss['Ejected']>=1]['Name'].count())
        bigg_boss.loc[bigg_boss['Ejected']>=1]
```

```
        37
```

```
[36]:       Language  Season Number                 Name            Profession  \
        12      Hindi              1         Salil Ankola         Sports Person
        23      Hindi              2        Rahul Mahajan            Politician
        35      Hindi              3    Kamal Rashid Khan         Film Director
        49      Hindi              4       Devinder Singh    Controversial Fame
        54      Hindi              4           Samir Soni                 Actor
        60      Hindi              4          Dolly Bindra               Actress
        68      Hindi              5          Pooja Mishra   Reality Show Alumni
        96      Hindi              6        Imam Siddique   Reality Show Alumni
        105     Hindi              7        Kushal Tandon                 Model
        127     Hindi              8          Puneet Issar                 Actor
        137     Hindi      Halla Bol             Ajaz Khan                 Actor
        178     Hindi             10       Priyanka Jagga              Commoner
        181     Hindi             10              Swami Om               Swamiji
        195     Hindi             11        Priyank Sharma                Model
        202     Hindi             11           Zubair Khan    Controversial Fame
        241     Hindi             13           Arhaan Khan                Model
        244     Hindi             13        Madhurima Tuli               Actress
        246     Hindi             14            Eijaz Khan                 Actor
        261     Hindi             14           Vikas Gupta              Producer
        279     Hindi         OTT S1          Zeeshan Khan            Soap Actor
        280     Hindi             15           Afsana Khan                Singer
        293     Hindi             15             Umar Riaz                Doctor
        306     Hindi             16        Archana Gautam               Actress
        333     Hindi         OTT S2          Puneet Kumar     Social Media Star
        385   Kannada              3        Huccha Venkat                 Actor
        438   Kannada              5       Samyuktha Hegde               Actress
        560    Telugu              1          Mumaith Khan               Actress
        700     Tamil              1               Bharani                 Actor
        721     Tamil              2      Mahat Raghavendra              Actor
        737     Tamil              3    Jangiri Madhumitha              Comedian
        745     Tamil              3             Saravanan                 Actor
        862   Marathi              2       Abhijit Bichukale           Politician
        869   Marathi              2          Parag Kanhere                 Chef
        945   Bengali              2            Joey Debroy                 Actor
        973 Malayalam              2          Rajith Kumar              Activist
        1001 Malayalam             3  Firoz Khan & Sajna Firoz   Actor & Actress
```

```
1016  Malayalam           4       Robin Radhakrishnan           Doctor

      Gender    Age Entry Date Elimination Date  Elimination Week Number  \
12      Male    NaN 2006-11-03             NaT                        1
23      Male    NaN 2008-08-17             NaT                     <NA>
35      Male    NaN 2009-10-04             NaT                        2
49      Male    NaN 2010-10-03             NaT                        1
54      Male    NaN 2010-10-03             NaT                       13
60    Female    NaN        NaT      2011-01-08                       14
68    Female    NaN 2011-10-02             NaT                     <NA>
96      Male    NaN        NaT      2013-01-12                       14
105     Male    NaN 2013-09-15             NaT                       14
127     Male    NaN 2014-09-21      2015-01-03                       15
137     Male    NaN 2015-01-04             NaT                        1
178   Female    NaN 2016-10-16             NaT                        8
181     Male    NaN 2016-10-16             NaT                     <NA>
195     Male    NaN 2017-10-01             NaT                       13
202     Male    NaN 2017-10-01      2017-10-08                        1
241     Male    NaN        NaT             NaT                       13
244   Female    NaN        NaT      2020-01-19                       16
246     Male    NaN 2020-10-03             NaT                       16
261     Male    NaN        NaT             NaT                       18
279     Male    NaN 2021-08-08             NaT                        3
280   Female    NaN 2021-10-02             NaT                        6
293     Male    NaN 2021-10-02             NaT                       14
306   Female    NaN 2022-10-01             NaT                       19
333     Male    NaN 2023-06-17             NaT                        1
385     Male    NaN 2015-10-25             NaT                     <NA>
438   Female    NaN        NaT             NaT                     <NA>
560   Female  Middle 2017-07-16      2017-09-03                        7
700     Male    NaN 2017-06-25             NaT                        2
721     Male    NaN 2018-06-17             NaT                       10
737   Female    NaN 2019-06-23             NaT                        8
745     Male    NaN 2019-06-23             NaT                        7
862     Male    NaN 2019-05-26             NaT                        4
869     Male    NaN 2019-05-26             NaT                        5
945     Male    NaN        NaT             NaT                     <NA>
973     Male    NaN 2020-01-05             NaT                     <NA>
1001    Pair    NaN        NaT             NaT                        9
1016    Male    NaN 2022-03-27             NaT                       10

      Contestant Number Wild Card  Season Length  Number of Housemates  \
12                 13.0        No             86                    15
23                  5.0        No             98                    15
35                  3.0        No             84                    15
49                  NaN        No             97                    16
54                  NaN        No             97                    16
```

60	16.0	Yes	97	16
68	11.0	No	98	18
96	18.0	Yes	97	19
105	9.0	No	105	20
127	14.0	No	105	19
137	6.0	No	28	10
178	12.0	No	106	18
181	1.0	No	106	18
195	8.0	No	106	19
202	18.0	No	106	19
241	18.0	Yes	140	21
244	21.0	Yes	140	21
246	1.0	No	141	22
261	17.0	Yes	141	22
279	2.0	No	42	13
280	11.0	No	120	24
293	6.0	No	120	24
306	6.0	No	134	17
333	10.0	No	57	15
385	NaN	No	98	18
438	20.0	Yes	105	20
560	3.0	No	70	16
700	5.0	No	98	19
721	3.0	No	105	17
737	6.0	No	105	17
745	7.0	No	105	17
862	14.0	No	98	17
869	15.0	No	98	17
945	16.0	Yes	102	16
973	10.0	No	75	22
1001	16.0	Yes	95	18
1016	4.0	No	98	20

	Season Start Date	Season End Date	Host Name	Guest Host Name	\
12	2006-11-03	2007-01-26	Arshad Warsi	NaN	
23	2008-08-17	2008-11-22	Shilpa Shetty	NaN	
35	2009-10-04	2009-12-26	Amitabh Bachchan	NaN	
49	2010-10-03	2011-01-08	Salman Khan	NaN	
54	2010-10-03	2011-01-08	Salman Khan	NaN	
60	2010-10-03	2011-01-08	Salman Khan	NaN	
68	2011-10-02	2012-01-07	Salman Khan	Sanjay Dutt	
96	2012-10-07	2013-01-12	Salman Khan	NaN	
105	2013-09-15	2013-12-28	Salman Khan	NaN	
127	2014-09-21	2015-01-03	Salman Khan	Farah Khan	
137	2015-01-04	2015-01-31	Farah Khan	NaN	
178	2016-10-16	2017-01-29	Salman Khan	NaN	
181	2016-10-16	2017-01-29	Salman Khan	NaN	

195	2017-10-01	2018-01-14	Salman Khan	NaN
202	2017-10-01	2018-01-14	Salman Khan	NaN
241	2019-09-29	2020-02-15	Salman Khan	NaN
244	2019-09-29	2020-02-15	Salman Khan	NaN
246	2020-10-03	2021-02-21	Salman Khan	NaN
261	2020-10-03	2021-02-21	Salman Khan	NaN
279	2021-08-08	2021-09-18	Karan Johar	NaN
280	2021-10-02	2022-01-30	Salman Khan	NaN
293	2021-10-02	2022-01-30	Salman Khan	NaN
306	2022-10-01	2023-02-12	Salman Khan	Karan Johar
333	2023-06-17	2023-08-14	Salman Khan	NaN
385	2015-10-25	2016-01-31	Sudeep	NaN
438	2017-10-15	2018-01-28	Sudeep	NaN
560	2017-07-16	2017-09-24	Jr. NTR	NaN
700	2017-06-25	2017-09-30	Kamal Haasan	NaN
721	2018-06-17	2018-09-30	Kamal Haasan	NaN
737	2019-06-23	2019-10-06	Kamal Haasan	NaN
745	2019-06-23	2019-10-06	Kamal Haasan	NaN
862	2019-05-26	2019-09-01	Mahesh Manjrekar	NaN
869	2019-05-26	2019-09-01	Mahesh Manjrekar	NaN
945	2016-04-04	2016-07-15	Jeet	NaN
973	2020-01-05	2020-03-20	Mohanlal	NaN
1001	2021-02-14	2021-05-20	Mohanlal	NaN
1016	2022-03-27	2022-07-03	Mohanlal	NaN

	Prize Money (INR)	Broadcasted By	OTT Platform	Average TRP \
12	0.0	Sony	NaN	2.72
23	0.0	Colors	NaN	2.89
35	0.0	Colors	NaN	2.83
49	0.0	Colors	NaN	4.95
54	0.0	Colors	NaN	4.95
60	0.0	Colors	NaN	4.95
68	0.0	Colors	NaN	4.19
96	0.0	Colors	NaN	3.81
105	0.0	Colors	NaN	4.40
127	0.0	Colors	NaN	3.77
137	0.0	Colors	NaN	2.82
178	0.0	Colors	Voot	3.54
181	0.0	Colors	Voot	3.54
195	0.0	Colors	NaN	7.64
202	0.0	Colors	NaN	7.64
241	0.0	Colors	NaN	9.06
244	0.0	Colors	NaN	9.06
246	0.0	Colors	Voot	NaN
261	0.0	Colors	Voot	NaN
279	0.0	NaN	Voot	NaN
280	0.0	Colors	Voot	NaN

293	0.0	Colors	Voot	NaN
306	0.0	Colors	Voot	NaN
333	0.0	NaN	JioCinema	NaN
385	0.0	Colors Kannada	NaN	NaN
438	0.0	Colors Super	Voot	NaN
560	0.0	Star Maa	NaN	15.00
700	0.0	Star Vijay	NaN	7.80
721	0.0	Star Vijay	Disney+ Hotstar	8.20
737	0.0	Star Vijay	Disney+ Hotstar	8.80
745	0.0	Star Vijay	Disney+ Hotstar	8.80
862	0.0	Colors Marathi	NaN	NaN
869	0.0	Colors Marathi	NaN	NaN
945	0.0	Colors Bangla	NaN	6.50
973	0.0	Asianet	Disney+ Hotstar	11.03
1001	0.0	Asianet	Disney+ Hotstar	12.40
1016	0.0	Asianet	Disney+ Hotstar	8.10

	Most Viewed States	House Location \
12	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
23	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
35	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
49	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
54	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
60	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
68	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Karjat
96	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
105	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
127	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
137	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
178	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
181	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
195	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
202	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
241	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
244	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
246	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
261	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
279	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
280	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
293	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
306	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
333	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
385	Karnataka	Bengaluru
438	Karnataka	Bengaluru
560	Telangana, Andhra Pradesh	Lonavala
700	Tamil Nadu	Chennai
721	Tamil Nadu	Chennai

737	Tamil Nadu	Chennai
745	Tamil Nadu	Chennai
862	Maharashtra	Mumbai
869	Maharashtra	Mumbai
945	West Bengal	Lonavala
973	Kerala	Chennai
1001	Kerala	Chennai
1016	Kerala	Mumbai

	OTT Season	Season Slogan \
12	No	NaN
23	No	NaN
35	No	NaN
49	No	NaN
54	No	NaN
60	No	NaN
68	No	NaN
96	No	NaN
105	No	NaN
127	No	NaN
137	No	NaN
178	No	India consider it your home
181	No	India consider it your home
195	No	Neighbors will ring twelve
202	No	Neighbors will ring twelve
241	No	Bigg Boss Tedha
244	No	Bigg Boss Tedha
246	No	Ab Scene Paltega
261	No	Ab Scene Paltega
279	Yes	NaN
280	No	Sankat in Jungle
293	No	Sankat in Jungle
306	No	Game Badlega, Kyunki Bigg Boss Khud Khelega
333	Yes	NaN
385	No	There is no place for drama here
438	No	NaN
560	No	NaN
700	No	Can't run, can't hide.
721	No	Who is good? Who is bad?
737	No	This is not just a show… Our life.
745	No	This is not just a show… Our life.
862	No	fun ball, fun thing, fun stump
869	No	fun ball, fun thing, fun stump
945	No	NaN
973	No	it's no longer just big games, now the games w…
1001	No	The Show Must Go On
1016	No	Things will be Colourful

	Season Theme	Number of Evictions Faced
12	NaN	0
23	NaN	5
35	NaN	3
49	NaN	1
54	NaN	6
60	NaN	4
68	NaN	6
96	NaN	5
105	Hell & Heaven	8
127	NaN	7
137	NaN	1
178	NaN	2
181	NaN	2
195	Padosi	7
202	Padosi	1
241	Bigg Boss Museum	2
244	Bigg Boss Museum	4
246	Futuristic	7
261	Futuristic	1
279	Stay Connected	1
280	Jungle	2
293	Jungle	9
306	Circus	5
333	Recycled	0
385	NaN	0
438	NaN	1
560	NaN	3
700	Middle Class House	1
721	Gear	3
737	Chettinad Museum	4
745	Chettinad Museum	5
862	Royal Mansion	2
869	Royal Mansion	4
945	NaN	1
973	NaN	6
1001	NaN	7
1016	NaN	7

	Number of Times Elected as Captain	Number of Re-entries	Walked
12	0	0	0.0
23	0	1	1.0
35	0	1	0.0
49	1	0	0.0
54	0	1	0.0
60	1	1	0.0

68	1	1	0.0
96	1	1	0.0
105	1	1	0.0
127	1	1	0.0
137	0	0	0.0
178	0	2	0.0
181	0	1	1.0
195	0	1	0.0
202	0	0	0.0
241	0	1	0.0
244	0	0	0.0
246	1	1	0.0
261	1	2	1.0
279	1	0	0.0
280	0	0	0.0
293	1	0	0.0
306	1	1	0.0
333	0	0	0.0
385	0	0	0.0
438	0	0	0.0
560	1	2	0.0
700	0	0	0.0
721	1	0	0.0
737	0	0	0.0
745	0	0	0.0
862	0	0	0.0
869	0	0	0.0
945	1	0	0.0
973	2	0	0.0
1001	0	0	0.0
1016	0	0	0.0

	Ejected	In Secret-Room	Won Eviction Free Pass	Won Ticket to Finale \
12	1.0	NaN	NaN	NaN
23	1.0	NaN	NaN	NaN
35	1.0	NaN	NaN	NaN
49	1.0	NaN	NaN	NaN
54	1.0	NaN	NaN	NaN
60	1.0	NaN	NaN	NaN
68	1.0	NaN	NaN	NaN
96	1.0	1.0	NaN	NaN
105	1.0	NaN	NaN	NaN
127	1.0	NaN	NaN	NaN
137	1.0	NaN	NaN	NaN
178	1.0	1.0	NaN	NaN
181	1.0	1.0	NaN	NaN
195	1.0	NaN	NaN	NaN

202	1.0	NaN	NaN	NaN
241	1.0	NaN	NaN	NaN
244	1.0	NaN	NaN	NaN
246	1.0	NaN	NaN	NaN
261	1.0	NaN	NaN	NaN
279	1.0	NaN	NaN	NaN
280	1.0	NaN	NaN	NaN
293	1.0	NaN	NaN	NaN
306	1.0	NaN	NaN	NaN
333	1.0	NaN	NaN	NaN
385	1.0	NaN	NaN	NaN
438	1.0	NaN	NaN	NaN
560	1.0	1.0	NaN	NaN
700	1.0	NaN	NaN	NaN
721	1.0	NaN	NaN	NaN
737	1.0	NaN	NaN	NaN
745	1.0	NaN	NaN	NaN
862	1.0	NaN	NaN	NaN
869	1.0	NaN	NaN	NaN
945	1.0	NaN	NaN	NaN
973	1.0	NaN	NaN	NaN
1001	1.0	NaN	NaN	NaN
1016	1.0	1.0	NaN	NaN

	Number of Times Best Performer	Number of Times Worst Performer \
12	NaN	NaN
23	NaN	NaN
35	NaN	NaN
49	NaN	NaN
54	NaN	NaN
60	NaN	NaN
68	NaN	NaN
96	NaN	NaN
105	NaN	NaN
127	NaN	NaN
137	NaN	NaN
178	NaN	NaN
181	NaN	1.0
195	NaN	NaN
202	NaN	NaN
241	NaN	NaN
244	NaN	NaN
246	NaN	NaN
261	NaN	NaN
279	NaN	NaN
280	NaN	NaN
293	NaN	NaN

306	NaN	NaN
333	NaN	NaN
385	NaN	NaN
438	NaN	NaN
560	NaN	NaN
700	NaN	NaN
721	NaN	NaN
737	NaN	NaN
745	NaN	NaN
862	NaN	NaN
869	NaN	NaN
945	NaN	NaN
973	NaN	NaN
1001	3.0	NaN
1016	NaN	NaN

	Secret Task	Social Media Popularity	Finalist	Winner	\
12	NaN	<NA>	0	0.0	
23	NaN	<NA>	0	0.0	
35	NaN	<NA>	0	0.0	
49	NaN	<NA>	0	0.0	
54	NaN	<NA>	0	0.0	
60	NaN	<NA>	1	0.0	
68	NaN	<NA>	0	0.0	
96	NaN	<NA>	1	0.0	
105	NaN	<NA>	0	0.0	
127	NaN	<NA>	1	0.0	
137	NaN	<NA>	0	0.0	
178	NaN	<NA>	0	0.0	
181	NaN	<NA>	0	0.0	
195	NaN	<NA>	0	0.0	
202	NaN	<NA>	0	0.0	
241	NaN	<NA>	0	0.0	
244	NaN	<NA>	0	0.0	
246	NaN	<NA>	0	0.0	
261	NaN	<NA>	0	0.0	
279	NaN	<NA>	0	0.0	
280	NaN	<NA>	0	0.0	
293	NaN	<NA>	0	0.0	
306	NaN	8	1	0.0	
333	NaN	<NA>	0	0.0	
385	NaN	<NA>	0	0.0	
438	NaN	<NA>	0	0.0	
560	NaN	<NA>	0	0.0	
700	NaN	<NA>	0	0.0	
721	NaN	<NA>	0	0.0	
737	NaN	<NA>	0	0.0	

745	NaN	<NA>	0	0.0
862	NaN	<NA>	0	0.0
869	NaN	<NA>	0	0.0
945	NaN	<NA>	0	0.0
973	NaN	<NA>	0	0.0
1001	NaN	<NA>	0	0.0
1016	NaN	7	0	0.0

	Season Length in weeks	Evictions Faced Percentage
12	12	0
23	14	36
35	12	25
49	14	7
54	14	43
60	14	29
68	14	43
96	14	36
105	15	53
127	15	47
137	4	25
178	15	13
181	15	13
195	15	47
202	15	7
241	20	10
244	20	20
246	20	35
261	20	5
279	6	17
280	17	12
293	17	53
306	19	26
333	8	0
385	14	0
438	15	7
560	10	30
700	14	7
721	15	20
737	15	27
745	15	33
862	14	14
869	14	29
945	15	7
973	11	55
1001	14	50
1016	14	50

```
[37]: # Many contestants entered via wild card, but 27 people managed to go to Finale
      print(bigg_boss.loc[(bigg_boss['Wild Card']=='Yes') &␣
       ↪(bigg_boss['Finalist']==1), 'Finalist'].count())
      bigg_boss.loc[(bigg_boss['Wild Card']=='Yes') & (bigg_boss['Finalist']==1), :]
```

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```
[37]:      Language Season Number                    Name            Profession  \
      44       Hindi              3          Pravesh Rana                 Model
      59       Hindi              4  Dalip Singh Rana (Khali)            Wrestler
      60       Hindi              4           Dolly Bindra             Actress
      75       Hindi              5          Amar Upadhyay           Soap Actor
      76       Hindi              5      Siddharth Bhardwaj  Reality Show Alumni
      77       Hindi              5        Akashdeep Saigal           Soap Actor
      96       Hindi              6          Imam Siddique  Reality Show Alumni
      115      Hindi              7              Ajaz Khan               Actor
      133      Hindi              8         Ali Quli Mirza              Singer
      135      Hindi              8          Dimpy Ganguly         Soap Actress
      161      Hindi              9          Rishabh Sinha  Reality Show Alumni
      259      Hindi             14               Aly Goni           Soap Actor
      262      Hindi             14           Rakhi Sawant             Actress
      302      Hindi             15          Rashami Desai         Soap Actress
      334      Hindi          OTT S2           Elvish Yadav   Social Media Star
      566      Telugu             1                Navdeep               Actor
      657      Telugu        Non-Stop           Baba Bhaskar        Choreographer
      715      Tamil              1          Harish Kalyan               Actor
      733      Tamil              2           Vijayalakshmi             Actress
      787      Tamil              5                   Amir        Choreographer
      804      Tamil        Ultimate          Ramya Pandian             Actress
      825      Tamil              6          Myna Nandhini             Actress
      859      Marathi            1       Sharmishtha Raut             Actress
      878      Marathi            2          Aroh Velankar               Actor
      914      Marathi            4           Rakhi Sawant             Actress
      962      Malayalam          1          Shiyas Kareem               Actor
      1022     Malayalam          4            Riyas Salim   Social Media Star

           Gender    Age Entry Date Elimination Date  Elimination Week Number  \
      44     Male    NaN        NaT              NaT                        12
      59     Male    NaN        NaT       2011-01-08                        14
      60   Female    NaN        NaT       2011-01-08                        14
      75     Male    NaN        NaT       2012-01-07                        14
      76     Male    NaN        NaT       2012-01-07                        14
      77     Male    NaN        NaT       2012-01-07                        14
      96     Male    NaN        NaT       2013-01-12                        14
      115    Male    NaN        NaT       2013-12-28                        15
      133    Male    NaN        NaT       2015-01-03                        15
      135  Female  Young        NaT       2015-01-03                        15
```

```
161     Male     NaN        NaT      2016-01-23                    15
259     Male     NaN        NaT             NaT                    20
262   Female     NaN        NaT             NaT                    20
302   Female     NaN        NaT             NaT                    17
334     Male   Young        NaT             NaT                  <NA>
566     Male     NaN 2017-08-14      2017-09-24                    10
657     Male  Middle        NaT             NaT                    12
715     Male     NaN        NaT      2017-09-30                    14
733   Female     NaN        NaT      2018-09-30                    15
787     Male     NaN        NaT             NaT                    15
804   Female     NaN        NaT             NaT                  <NA>
825   Female     NaN        NaT             NaT                    15
859   Female     NaN        NaT             NaT                    14
878     Male     NaN        NaT             NaT                    14
914   Female     NaN        NaT             NaT                    14
962     Male     NaN        NaT             NaT                    14
1022    Male     NaN        NaT             NaT                    14

      Contestant Number Wild Card  Season Length  Number of Housemates  \
44                 15.0       Yes             84                    15
59                 15.0       Yes             97                    16
60                 16.0       Yes             97                    16
75                 15.0       Yes             98                    18
76                 16.0       Yes             98                    18
77                 17.0       Yes             98                    18
96                 18.0       Yes             97                    19
115                18.0       Yes            105                    20
133                16.0       Yes            105                    19
135                18.0       Yes            105                    19
161                15.0       Yes            105                    20
259                15.0       Yes            141                    22
262                18.0       Yes            141                    22
302                23.0       Yes            120                    24
334                14.0       Yes             57                    15
566                16.0       Yes             70                    16
657                18.0       Yes             84                    18
715                18.0       Yes             98                    19
733                17.0       Yes            105                    17
787                19.0       Yes            105                    20
804                16.0       Yes             70                    16
825                21.0       Yes            105                    21
859                16.0       Yes             98                    18
878                17.0       Yes             98                    17
914                19.0       Yes             98                    19
962                17.0       Yes             98                    18
1022               19.0       Yes             98                    20
```

	Season Start Date	Season End Date	Host Name	Guest Host Name
44	2009-10-04	2009-12-26	Amitabh Bachchan	NaN
59	2010-10-03	2011-01-08	Salman Khan	NaN
60	2010-10-03	2011-01-08	Salman Khan	NaN
75	2011-10-02	2012-01-07	Salman Khan	Sanjay Dutt
76	2011-10-02	2012-01-07	Salman Khan	Sanjay Dutt
77	2011-10-02	2012-01-07	Salman Khan	Sanjay Dutt
96	2012-10-07	2013-01-12	Salman Khan	NaN
115	2013-09-15	2013-12-28	Salman Khan	NaN
133	2014-09-21	2015-01-03	Salman Khan	Farah Khan
135	2014-09-21	2015-01-03	Salman Khan	Farah Khan
161	2015-10-11	2016-01-23	Salman Khan	NaN
259	2020-10-03	2021-02-21	Salman Khan	NaN
262	2020-10-03	2021-02-21	Salman Khan	NaN
302	2021-10-02	2022-01-30	Salman Khan	NaN
334	2023-06-17	2023-08-14	Salman Khan	NaN
566	2017-07-16	2017-09-24	Jr. NTR	NaN
657	2022-02-26	2022-05-21	Nagarjuna	NaN
715	2017-06-25	2017-09-30	Kamal Haasan	NaN
733	2018-06-17	2018-09-30	Kamal Haasan	NaN
787	2021-10-03	2022-01-16	Kamal Haasan	Ramya Krishnan
804	2022-01-30	2022-04-10	Kamal Haasan	Simbu
825	2022-10-09	2023-01-22	Kamal Haasan	NaN
859	2018-04-15	2018-07-22	Mahesh Manjrekar	NaN
878	2019-05-26	2019-09-01	Mahesh Manjrekar	NaN
914	2022-10-02	2023-01-08	Mahesh Manjrekar	NaN
962	2018-06-24	2018-09-30	Mohanlal	NaN
1022	2022-03-27	2022-07-03	Mohanlal	NaN

	Prize Money (INR)	Broadcasted By	OTT Platform	Average TRP
44	0.0	Colors	NaN	2.83
59	0.0	Colors	NaN	4.95
60	0.0	Colors	NaN	4.95
75	0.0	Colors	NaN	4.19
76	0.0	Colors	NaN	4.19
77	0.0	Colors	NaN	4.19
96	0.0	Colors	NaN	3.81
115	0.0	Colors	NaN	4.40
133	0.0	Colors	NaN	3.77
135	0.0	Colors	NaN	3.77
161	0.0	Colors	NaN	2.90
259	0.0	Colors	Voot	NaN
262	0.0	Colors	Voot	NaN
302	0.0	Colors	Voot	NaN
334	2500000.0	NaN	JioCinema	NaN
566	0.0	Star Maa	NaN	15.00
657	0.0	NaN	Disney+ Hotstar	NaN

715	0.0	Star Vijay	NaN	7.80
733	0.0	Star Vijay	Disney+ Hotstar	8.20
787	0.0	Star Vijay	Disney+ Hotstar	17.90
804	0.0	NaN	Disney+ Hotstar	NaN
825	0.0	Star Vijay	Disney+ Hotstar	15.30
859	0.0	Colors Marathi	NaN	NaN
878	0.0	Colors Marathi	NaN	NaN
914	0.0	Colors Marathi	Voot	NaN
962	0.0	Asianet	Disney+ Hotstar	10.33
1022	0.0	Asianet	Disney+ Hotstar	8.10

	Most Viewed States	House Location \
44	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
59	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
60	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
75	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Karjat
76	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Karjat
77	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Karjat
96	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
115	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
133	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
135	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
161	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
259	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
262	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
302	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
334	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
566	Telangana, Andhra Pradesh	Lonavala
657	Telangana, Andhra Pradesh	Hyderabad
715	Tamil Nadu	Chennai
733	Tamil Nadu	Chennai
787	Tamil Nadu	Chennai
804	Tamil Nadu	Chennai
825	Tamil Nadu	Chennai
859	Maharashtra	Lonavala
878	Maharashtra	Mumbai
914	Maharashtra	Mumbai
962	Kerala	Lonavala
1022	Kerala	Mumbai

	OTT Season	Season Slogan \
44	No	NaN
59	No	NaN
60	No	NaN
75	No	NaN
76	No	NaN
77	No	NaN

96	No	NaN
115	No	NaN
133	No	NaN
135	No	NaN
161	No	NaN
259	No	Ab Scene Paltega
262	No	Ab Scene Paltega
302	No	Sankat in Jungle
334	Yes	NaN
566	No	NaN
657	Yes	NaN
715	No	Can't run, can't hide.
733	No	Who is good? Who is bad?
787	No	Expect the unexpected
804	Yes	NaN
825	No	There can be only one king in a forest. Are yo…
859	No	NaN
878	No	fun ball, fun thing, fun stump
914	No	All is well
962	No	NaN
1022	No	Things will be Colourful

	Season Theme	Number of Evictions Faced \
44	NaN	4
59	NaN	4
60	NaN	4
75	NaN	7
76	NaN	5
77	NaN	5
96	NaN	5
115	Hell & Heaven	7
133	NaN	6
135	NaN	5
161	NaN	9
259	Futuristic	7
262	Futuristic	4
302	Jungle	3
334	Recycled	2
566	NaN	3
657	NaN	3
715	Middle Class House	4
733	Gear	4
787	Nature	4
804	Nature	3
825	Luxury Mansion	6
859	Traditional	5
878	Royal Mansion	4

914	Chawl	4
962	NaN	5
1022	NaN	4

	Number of Times Elected as Captain	Number of Re-entries	Walked
44	0	0	0.0
59	2	0	0.0
60	1	1	0.0
75	1	0	0.0
76	1	0	0.0
77	1	0	0.0
96	1	1	0.0
115	0	0	0.0
133	3	0	0.0
135	1	0	0.0
161	1	0	0.0
259	1	1	0.0
262	1	0	0.0
302	0	0	0.0
334	0	0	0.0
566	1	0	0.0
657	1	0	0.0
715	1	0	0.0
733	0	0	0.0
787	1	0	0.0
804	0	0	0.0
825	3	0	0.0
859	0	0	0.0
878	0	0	0.0
914	0	0	1.0
962	1	0	0.0
1022	1	0	0.0

	Ejected	In Secret-Room	Won Eviction Free Pass	Won Ticket to Finale
44	0.0	NaN	NaN	NaN
59	0.0	NaN	NaN	NaN
60	1.0	NaN	NaN	NaN
75	0.0	NaN	NaN	NaN
76	0.0	NaN	NaN	NaN
77	0.0	NaN	NaN	NaN
96	1.0	1.0	NaN	NaN
115	0.0	NaN	NaN	NaN
133	0.0	NaN	NaN	NaN
135	0.0	NaN	1.0	NaN
161	0.0	NaN	NaN	NaN
259	0.0	NaN	NaN	NaN
262	0.0	NaN	NaN	NaN

302	0.0	NaN	NaN	NaN
334	0.0	NaN	NaN	NaN
566	0.0	NaN	NaN	NaN
657	0.0	1.0	NaN	NaN
715	0.0	NaN	NaN	NaN
733	0.0	NaN	NaN	NaN
787	0.0	NaN	NaN	1.0
804	0.0	NaN	NaN	NaN
825	0.0	NaN	NaN	NaN
859	0.0	NaN	NaN	NaN
878	0.0	NaN	NaN	NaN
914	0.0	NaN	NaN	NaN
962	0.0	NaN	NaN	NaN
1022	0.0	1.0	NaN	NaN

	Number of Times Best Performer	Number of Times Worst Performer \
44	NaN	NaN
59	NaN	NaN
60	NaN	NaN
75	NaN	NaN
76	NaN	NaN
77	NaN	NaN
96	NaN	NaN
115	NaN	NaN
133	NaN	NaN
135	NaN	NaN
161	NaN	1.0
259	NaN	NaN
262	NaN	NaN
302	NaN	NaN
334	NaN	NaN
566	NaN	NaN
657	NaN	NaN
715	NaN	NaN
733	NaN	NaN
787	NaN	NaN
804	NaN	NaN
825	NaN	1.0
859	NaN	NaN
878	NaN	NaN
914	NaN	NaN
962	NaN	NaN
1022	NaN	NaN

	Secret Task	Social Media Popularity	Finalist	Winner \
44	NaN	<NA>	1	0.0
59	NaN	<NA>	1	0.0

60	NaN	<NA>	1	0.0
75	NaN	<NA>	1	0.0
76	NaN	<NA>	1	0.0
77	NaN	<NA>	1	0.0
96	NaN	<NA>	1	0.0
115	NaN	<NA>	1	0.0
133	NaN	<NA>	1	0.0
135	NaN	<NA>	1	0.0
161	NaN	<NA>	1	0.0
259	NaN	<NA>	1	0.0
262	NaN	<NA>	1	0.0
302	NaN	<NA>	1	0.0
334	NaN	9	1	1.0
566	NaN	9	1	0.0
657	NaN	6	1	0.0
715	NaN	5	1	0.0
733	NaN	6	1	0.0
787	NaN	8	1	0.0
804	NaN	7	1	0.0
825	NaN	8	1	0.0
859	NaN	<NA>	1	0.0
878	NaN	<NA>	1	0.0
914	NaN	7	1	0.0
962	NaN	7	1	0.0
1022	NaN	7	1	0.0

	Season Length in weeks	Evictions Faced Percentage
44	12	33
59	14	29
60	14	29
75	14	50
76	14	36
77	14	36
96	14	36
115	15	47
133	15	40
135	15	33
161	15	60
259	20	35
262	20	20
302	17	18
334	8	25
566	10	30
657	12	25
715	14	29
733	15	27
787	15	27

804	10	30
825	15	40
859	14	36
878	14	29
914	14	29
962	14	36
1022	14	29

[38]:
```python
# Number of Wild card entries went to Finale, as per Language
bigg_boss.loc[(bigg_boss['Wild Card']=='Yes') & (bigg_boss['Finalist']==1),
↪'Language'].value_counts()
```

[38]:
```
Language
Hindi        15
Tamil         5
Marathi       3
Telugu        2
Malayalam     2
Name: count, dtype: int64
```

[39]:
```python
# Persons who participated in more than one season (in same/different languages)
print(bigg_boss.groupby('Name')['Season Number'].nunique().nlargest(60))
bigg_boss[bigg_boss.groupby('Name')['Season Number'].transform('size')>1]
↪[["Name", "Language", "Season Number"]].sort_values(by=['Name','Season
↪Number'], ascending=True)
```

```
Name
Rakhi Sawant              4
Rahul Mahajan             3
Shamita Shetty            3
Abhijit Bichukale         2
Abhinay Vaddi             2
Abhirami Venkatachalam    2
Ajaz Khan                 2
Akhil Sarthak             2
Ali Quli Mirza            2
Anitha Sampath            2
Anupama Gowda             2
Ariyana Glory             2
Aroh Velankar             2
Arshi Khan                2
Arun Sagar                2
Aryavardhan Guruji        2
Ashu Reddy                2
Baba Bhaskar              2
Balaji Murugadoss         2
Bindu Madhavi             2
```

```
Deepika Das            2
Dimpy Ganguly          2
Divya Uruduga          2
Gautam Gulati          2
Hamida Khatoon         2
Karishma Tanna         2
Mahek Chahal           2
Mahesh Vitta           2
Manu Punjabi           2
Maria Juliana          2
Megha Dhade            2
Mumaith Khan           2
Nataraj                2
Neha Bhasin            2
Neha Gowda             2
Niroop Nandhakumar     2
Nishant Bhat           2
Prashanth Sambargi     2
Pratik Sehajpal        2
Pritam Singh           2
Rakesh Adiga           2
Ramya Pandian          2
Raqesh Bapat           2
Rashami Desai          2
Roopesh Shetty         2
Sambhavna Seth         2
Sana Khan              2
Sanya Iyer             2
Sarayu                 2
Shakeela               2
Shariq Hassan Khan     2
Snehan                 2
Suja Varunee           2
Suresh Chakravarthy    2
Suruthi Periyasamy     2
Tejaswi Madivada       2
Thaadi Balaji          2
Thamarai Selvi         2
Vanitha Vijayakumar    2
Vikas Gupta            2
Name: Season Number, dtype: int64
```

[39]:

	Name	Language	Season Number
298	Abhijit Bichukale	Hindi	15
862	Abhijit Bichukale	Marathi	2
769	Abhinay Vaddi	Tamil	5
789	Abhinay Vaddi	Tamil	Ultimate

```
734    Abhirami Venkatachalam    Tamil            3
..                          …     …            …
801             Thamarai Selvi    Tamil      Ultimate
748         Vanitha Vijayakumar    Tamil            3
802         Vanitha Vijayakumar    Tamil      Ultimate
201                 Vikas Gupta    Hindi           11
261                 Vikas Gupta    Hindi           14

[124 rows x 3 columns]
```

[40]: ```python
# Persons who participated in more than one language
bigg_boss.groupby('Name')['Language'].nunique().nlargest(5)
```

[40]: ```
Name
Abhijit Bichukale   2
Bindu Madhavi   2
Megha Dhade   2
Rakhi Sawant   2
Shakeela   2
Name: Language, dtype: int64
```

[41]: ```python
# 17 housemates eliminated or walked without facing even single nomination
print(bigg_boss.loc[(bigg_boss['Number of Evictions Faced']==0), 'Number of␣
 ↪Evictions Faced'].count())
bigg_boss.loc[(bigg_boss['Number of Evictions Faced']==0), :]
```

```
17
```

[41]:

	Language	Season Number	Name	Profession \
12	Hindi	1	Salil Ankola	Sports Person
19	Hindi	2	Jade Goody	International Star
39	Hindi	3	Shamita Shetty	Actress
73	Hindi	5	Sonika Kaliraman	Wrestler
152	Hindi	9	Kishwer Merchant	Soap Actress
299	Hindi	15	Raqesh Bapat	Actor
333	Hindi	OTT S2	Puneet Kumar	Social Media Star
385	Kannada	3	Huccha Venkat	Actor
497	Kannada	8	Vyjayanthi Adiga	Actress
687	Telugu	7	Sandeep	Choreographer
779	Tamil	5	Namitha Marimuthu	Model
810	Tamil	6	GP Muthu	Social Media Star
955	Malayalam	1	Manoj K. Verma	Entrepreneur
963	Malayalam	1	Anjali Ameer	Actress
984	Malayalam	2	Pavan Gino Thomas	Model
1021	Malayalam	4	Manikandan Thonnakkal	Social Media Star
1042	Malayalam	5	Hanan Hameed	Social Media Star

```
          Gender     Age Entry Date Elimination Date  \
12          Male     NaN 2006-11-03              NaT
19        Female     NaN 2008-08-17              NaT
39        Female     NaN 2009-10-04              NaT
73        Female     NaN 2011-10-02              NaT
152       Female     NaN 2015-10-11              NaT
299         Male     NaN        NaT              NaT
333         Male     NaN 2023-06-17              NaT
385         Male     NaN 2015-10-25              NaT
497       Female     NaN        NaT              NaT
687         Male  Middle 2023-09-03              NaT
779  Transgender     NaN 2021-10-03              NaT
810         Male     NaN 2022-10-09              NaT
955         Male     NaN 2018-06-24              NaT
963       Female     NaN        NaT              NaT
984         Male     NaN        NaT              NaT
1021        Male     NaN        NaT              NaT
1042      Female     NaN        NaT              NaT

      Elimination Week Number  Contestant Number Wild Card  Season Length  \
12                          1               13.0        No             86
19                       <NA>               14.0        No             98
39                       <NA>               10.0        No             84
73                       <NA>               10.0        No             98
152                      <NA>                3.0        No            105
299                         6               20.0       Yes            120
333                         1               10.0        No             57
385                      <NA>                NaN        No             98
497                         6               19.0       Yes            117
687                      <NA>                7.0        No            105
779                         1                5.0        No            105
810                         2                1.0        No            105
955                      <NA>               11.0        No             98
963                      <NA>               18.0       Yes             98
984                      <NA>               21.0       Yes             75
1021                        4               18.0       Yes             98
1042                        3               19.0       Yes             99

      Number of Housemates Season Start Date Season End Date  \
12                      15        2006-11-03      2007-01-26
19                      15        2008-08-17      2008-11-22
39                      15        2009-10-04      2009-12-26
73                      18        2011-10-02      2012-01-07
152                     20        2015-10-11      2016-01-23
299                     24        2021-10-02      2022-01-30
333                     15        2023-06-17      2023-08-14
385                     18        2015-10-25      2016-01-31
```

497	20	2021-02-28	2021-08-08
687	19	2023-09-03	2023-12-17
779	20	2021-10-03	2022-01-16
810	21	2022-10-09	2023-01-22
955	18	2018-06-24	2018-09-30
963	18	2018-06-24	2018-09-30
984	22	2020-01-05	2020-03-20
1021	20	2022-03-27	2022-07-03
1042	21	2023-03-26	2023-07-02

	Host Name	Guest Host Name	Prize Money (INR)	Broadcasted By	\
12	Arshad Warsi	NaN	0.0	Sony	
19	Shilpa Shetty	NaN	0.0	Colors	
39	Amitabh Bachchan	NaN	0.0	Colors	
73	Salman Khan	Sanjay Dutt	0.0	Colors	
152	Salman Khan	NaN	0.0	Colors	
299	Salman Khan	NaN	0.0	Colors	
333	Salman Khan	NaN	0.0	NaN	
385	Sudeep	NaN	0.0	Colors Kannada	
497	Sudeep	NaN	0.0	Colors Kannada	
687	Nagarjuna	NaN	NaN	Star Maa	
779	Kamal Haasan	Ramya Krishnan	0.0	Star Vijay	
810	Kamal Haasan	NaN	0.0	Star Vijay	
955	Mohanlal	NaN	0.0	Asianet	
963	Mohanlal	NaN	0.0	Asianet	
984	Mohanlal	NaN	0.0	Asianet	
1021	Mohanlal	NaN	0.0	Asianet	
1042	Mohanlal	NaN	0.0	Asianet	

	OTT Platform	Average TRP	\
12	NaN	2.72	
19	NaN	2.89	
39	NaN	2.83	
73	NaN	4.19	
152	NaN	2.90	
299	Voot	NaN	
333	JioCinema	NaN	
385	NaN	NaN	
497	Voot	NaN	
687	Disney+ Hotstar	NaN	
779	Disney+ Hotstar	17.90	
810	Disney+ Hotstar	15.30	
955	Disney+ Hotstar	10.33	
963	Disney+ Hotstar	10.33	
984	Disney+ Hotstar	11.03	
1021	Disney+ Hotstar	8.10	
1042	Disney+ Hotstar	NaN	

	Most Viewed States	House Location	OTT Season	Season Slogan	Season Theme	Number of Evictions Faced
12	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala	No	NaN	NaN	0
19	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala	No	NaN	NaN	0
39	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala	No	NaN	NaN	0
73	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Karjat	No	NaN	NaN	0
152	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala	No	NaN	NaN	0
299	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai	No	Sankat in Jungle	Jungle	0
333	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai	Yes	NaN	Recycled	0
385	Karnataka	Bengaluru	No	There is no place for drama here		
497	Karnataka	Bengaluru	No	NaN		
687	Telangana, Andhra Pradesh	Hyderabad	No	Ulta Pulta		
779	Tamil Nadu	Chennai	No	Expect the unexpected		
810	Tamil Nadu	Chennai	No	There can be only one king in a forest. Are yo…		
955	Kerala	Lonavala	No	NaN		
963	Kerala	Lonavala	No	NaN		
984	Kerala	Chennai	No	it's no longer just big games, now the games w…		
1021	Kerala	Mumbai	No	Things will be Colourful		
1042	Kerala	Mumbai	No	Battle of the Originals - The Fire Explodes!		

385	NaN	0
497	NaN	0
687	NaN	0
779	Nature	0
810	Luxury Mansion	0
955	NaN	0
963	NaN	0
984	NaN	0
1021	NaN	0
1042	NaN	0

	Number of Times Elected as Captain	Number of Re-entries	Walked	\
12	0	0	0.0
19	0	0	1.0
39	0	0	1.0
73	0	0	1.0
152	2	0	1.0
299	0	0	1.0
333	0	0	0.0
385	0	0	0.0
497	0	0	1.0
687	<NA>	<NA>	NaN
779	0	0	1.0
810	1	0	1.0
955	0	0	1.0
963	0	0	1.0
984	0	0	1.0
1021	0	0	1.0
1042	0	0	1.0

	Ejected	In Secret-Room	Won Eviction Free Pass	Won Ticket to Finale	\
12	1.0	NaN	NaN	NaN
19	0.0	NaN	NaN	NaN
39	0.0	NaN	NaN	NaN
73	0.0	NaN	NaN	NaN
152	0.0	NaN	NaN	NaN
299	0.0	NaN	NaN	NaN
333	1.0	NaN	NaN	NaN
385	1.0	NaN	NaN	NaN
497	0.0	NaN	NaN	NaN
687	NaN	NaN	1.0	NaN
779	0.0	NaN	NaN	NaN
810	0.0	NaN	NaN	NaN
955	0.0	NaN	NaN	NaN
963	0.0	NaN	NaN	NaN
984	0.0	NaN	NaN	NaN
1021	0.0	NaN	NaN	NaN

1042	0.0	NaN	NaN	NaN

	Number of Times Best Performer	Number of Times Worst Performer \
12	NaN	NaN
19	NaN	NaN
39	NaN	NaN
73	NaN	NaN
152	NaN	NaN
299	NaN	NaN
333	NaN	NaN
385	NaN	NaN
497	NaN	NaN
687	NaN	NaN
779	NaN	NaN
810	NaN	NaN
955	NaN	NaN
963	NaN	NaN
984	NaN	NaN
1021	NaN	NaN
1042	NaN	NaN

	Secret Task	Social Media Popularity	Finalist	Winner \
12	NaN	<NA>	0	0.0
19	NaN	<NA>	0	0.0
39	NaN	<NA>	0	0.0
73	NaN	<NA>	0	0.0
152	NaN	<NA>	0	0.0
299	NaN	<NA>	0	0.0
333	NaN	<NA>	0	0.0
385	NaN	<NA>	0	0.0
497	NaN	<NA>	0	0.0
687	NaN	<NA>	<NA>	NaN
779	NaN	<NA>	0	0.0
810	NaN	<NA>	0	0.0
955	NaN	<NA>	0	0.0
963	NaN	<NA>	0	0.0
984	NaN	<NA>	0	0.0
1021	NaN	<NA>	0	0.0
1042	NaN	<NA>	0	0.0

	Season Length in weeks	Evictions Faced Percentage
12	12	0
19	14	0
39	12	0
73	14	0
152	15	0
299	17	0

```
333                    8                                    0
385                   14                                    0
497                   17                                    0
687                   15                                    0
779                   15                                    0
810                   15                                    0
955                   14                                    0
963                   14                                    0
984                   11                                    0
1021                  14                                    0
1042                  14                                    0
```

[42]: # Only two pairs entered into BB houses
bigg_boss.loc[(bigg_boss['Gender']=="Pair"), :]

Many other couples entered into Bigg Boss, but as individual contestants

[42]:   Language Season Number   Name \
      985   Malayalam   2 Abhirami Suresh & Amrutha Suresh
      1001   Malayalam   3   Firoz Khan & Sajna Firoz

                Profession Gender Age Entry Date Elimination Date \
      985   Singer   Pair NaN   NaT   NaT
      1001 Actor & Actress Pair NaN   NaT   NaT

            Elimination Week Number Contestant Number Wild Card Season Length \
      985   <NA>   22.0   Yes   75
      1001   9   16.0   Yes   95

            Number of Housemates Season Start Date Season End Date Host Name \
      985   22   2020-01-05   2020-03-20 Mohanlal
      1001   18   2021-02-14   2021-05-20 Mohanlal

            Guest Host Name Prize Money (INR) Broadcasted By   OTT Platform \
      985   NaN   0.0   Asianet Disney+ Hotstar
      1001   NaN   0.0   Asianet Disney+ Hotstar

            Average TRP Most Viewed States House Location OTT Season \
      985   11.03   Kerala   Chennai   No
      1001   12.40   Kerala   Chennai   No

                                          Season Slogan Season Theme \
      985   it's no longer just big games, now the games w…   NaN
      1001   The Show Must Go On   NaN

            Number of Evictions Faced Number of Times Elected as Captain \
      985   3   0
```

```
1001                                     7                                    0

        Number of Re-entries  Walked  Ejected  In Secret-Room  \
985                        0     0.0      0.0             NaN
1001                       0     0.0      1.0             NaN

        Won Eviction Free Pass  Won Ticket to Finale  \
985                        NaN                   NaN
1001                       NaN                   NaN

        Number of Times Best Performer  Number of Times Worst Performer  \
985                                NaN                              NaN
1001                               3.0                              NaN

        Secret Task  Social Media Popularity  Finalist  Winner  \
985             NaN                     <NA>         0     0.0
1001            NaN                     <NA>         0     0.0

        Season Length in weeks  Evictions Faced Percentage
985                         11                          27
1001                        14                          50
```

[43]:
```python
# 36 persons stayed in the BB house secret rooms
print(bigg_boss.loc[bigg_boss['In Secret-Room']>=1]['Name'].count())
bigg_boss.loc[bigg_boss['In Secret-Room']>=1]
```

    37

[43]:
	Language	Season Number	Name	Profession	\
24	Hindi	2	Raja Chaudhary	Actor	
55	Hindi	4	Sara Khan	Soap Actress	
79	Hindi	6	Aashka Goradia	Soap Actress	
93	Hindi	6	Vrajesh Hirjee	Actor	
95	Hindi	6	Vishal Karwal	Soap Actor	
96	Hindi	6	Imam Siddique	Reality Show Alumni	
97	Hindi	6	Santosh Shukla	Actor	
153	Hindi	9	Mandana Karimi	International Star	
174	Hindi	10	Manu Punjabi	Reality Show Alumni	
178	Hindi	10	Priyanka Jagga	Commoner	
181	Hindi	10	Swami Om	Swamiji	
204	Hindi	12	Anup Jalota	Singer	
216	Hindi	12	Shanthakumaran Sreesanth	Sports Person	
231	Hindi	13	Paras Chhabra	Soap Actor	
236	Hindi	13	Sidharth Shukla	Soap Actor	
238	Hindi	13	Tehseen Poonawalla	Political Analyst	
239	Hindi	13	Khesari Lal Yadav	Actor	
240	Hindi	13	Shefali Jariwala	Actress	

560	Telugu	1	Mumaith Khan	Actress
593	Telugu	3	Rahul Sipligunj	Singer
603	Telugu	4	Akhil Sarthak	Soap Actor
606	Telugu	4	Ariyana Glory	TV Anchor
617	Telugu	4	Syed Sohel Ryan	Soap Actor
626	Telugu	5	Lobo	Video Jockey
657	Telugu	Non-Stop	Baba Bhaskar	Choreographer
681	Telugu	7	Goutham Krishna	Actor
714	Tamil	1	Suja Varunee	Actress
731	Tamil	2	Vaishnavi Prasad	Radio Jockey
735	Tamil	3	Cheran	Film Director
851	Marathi	1	Rajesh Shringarpure	Actor
900	Marathi	4	Kiran Mane	Soap Actor
941	Bengali	2	Shilajit Majumder	Singer
1015	Malayalam	4	Nimisha	Model
1016	Malayalam	4	Robin Radhakrishnan	Doctor
1022	Malayalam	4	Riyas Salim	Social Media Star
1023	Malayalam	4	Vinay Madhav	Social Media Star
1029	Malayalam	5	Cerena Ann Johnson	Pageant Winner

	Gender	Age	Entry Date	Elimination Date	Elimination Week Number	\
24	Male	NaN	2008-08-17	2008-11-22	14	
55	Female	NaN	2010-10-03	NaT	4	
79	Female	NaN	2012-10-07	NaT	12	
93	Male	NaN	2012-10-07	NaT	9	
95	Male	NaN	NaT	NaT	11	
96	Male	NaN	NaT	2013-01-12	14	
97	Male	NaN	NaT	NaT	11	
153	Female	NaN	2015-10-11	2016-01-23	15	
174	Male	NaN	2016-10-16	NaT	<NA>	
178	Female	NaN	2016-10-16	NaT	8	
181	Male	NaN	2016-10-16	NaT	<NA>	
204	Male	NaN	2018-09-16	NaT	6	
216	Male	NaN	2018-09-16	2018-12-30	15	
231	Male	NaN	2019-09-29	NaT	20	
236	Male	Middle	2019-09-29	NaT	<NA>	
238	Male	NaN	NaT	NaT	6	
239	Male	NaN	NaT	NaT	8	
240	Female	NaN	NaT	2020-01-26	17	
560	Female	Middle	2017-07-16	2017-09-03	7	
593	Male	Middle	2019-07-21	NaT	<NA>	
603	Male	Middle	2020-09-06	2020-12-20	15	
606	Female	NaN	2020-09-06	2020-12-20	15	
617	Male	Middle	2020-09-06	2020-12-20	15	
626	Male	Middle	2021-09-05	2021-10-31	8	
657	Male	Middle	NaT	NaT	12	
681	Male	Young	2023-09-03	NaT	<NA>	

714	Female	NaN	NaT	NaT	13
731	Female	NaN	2018-06-17	NaT	9
735	Male	NaN	2019-06-23	NaT	13
851	Male	NaN	2018-04-15	NaT	5
900	Male	NaN	2022-10-02	NaT	14
941	Male	NaN	2016-04-04	NaT	<NA>
1015	Female	NaN	2022-03-27	NaT	7
1016	Male	NaN	2022-03-27	NaT	10
1022	Male	NaN	NaT	NaT	14
1023	Male	NaN	NaT	NaT	12
1029	Female	NaN	2023-03-26	NaT	14

	Contestant Number	Wild Card	Season Length	Number of Housemates	\
24	9.0	No	98	15	
55	NaN	No	97	16	
79	6.0	No	97	19	
93	3.0	No	97	19	
95	17.0	Yes	97	19	
96	18.0	Yes	97	19	
97	19.0	Yes	97	19	
153	9.0	No	105	20	
174	10.0	No	106	18	
178	12.0	No	106	18	
181	1.0	No	106	18	
204	8.0	No	105	20	
216	17.0	No	105	20	
231	3.0	No	140	21	
236	1.0	No	140	21	
238	15.0	Yes	140	21	
239	16.0	Yes	140	21	
240	17.0	Yes	140	21	
560	3.0	No	70	16	
593	6.0	No	105	17	
603	15.0	No	105	19	
606	10.0	No	105	19	
617	9.0	No	105	19	
626	6.0	No	105	19	
657	18.0	Yes	84	18	
681	11.0	No	105	19	
714	17.0	Yes	98	19	
731	5.0	No	105	17	
735	9.0	No	105	17	
851	14.0	No	98	18	
900	5.0	No	98	19	
941	1.0	No	102	16	
1015	11.0	No	98	20	
1016	4.0	No	98	20	

1022	19.0	Yes	98	20
1023	20.0	Yes	98	20
1029	3.0	No	99	21

	Season Start Date	Season End Date	Host Name	Guest Host Name \
24	2008-08-17	2008-11-22	Shilpa Shetty	NaN
55	2010-10-03	2011-01-08	Salman Khan	NaN
79	2012-10-07	2013-01-12	Salman Khan	NaN
93	2012-10-07	2013-01-12	Salman Khan	NaN
95	2012-10-07	2013-01-12	Salman Khan	NaN
96	2012-10-07	2013-01-12	Salman Khan	NaN
97	2012-10-07	2013-01-12	Salman Khan	NaN
153	2015-10-11	2016-01-23	Salman Khan	NaN
174	2016-10-16	2017-01-29	Salman Khan	NaN
178	2016-10-16	2017-01-29	Salman Khan	NaN
181	2016-10-16	2017-01-29	Salman Khan	NaN
204	2018-09-16	2018-12-30	Salman Khan	NaN
216	2018-09-16	2018-12-30	Salman Khan	NaN
231	2019-09-29	2020-02-15	Salman Khan	NaN
236	2019-09-29	2020-02-15	Salman Khan	NaN
238	2019-09-29	2020-02-15	Salman Khan	NaN
239	2019-09-29	2020-02-15	Salman Khan	NaN
240	2019-09-29	2020-02-15	Salman Khan	NaN
560	2017-07-16	2017-09-24	Jr. NTR	NaN
593	2019-07-21	2019-11-03	Nagarjuna	Ramya Krishnan
603	2020-09-06	2020-12-20	Nagarjuna	Samantha
606	2020-09-06	2020-12-20	Nagarjuna	Samantha
617	2020-09-06	2020-12-20	Nagarjuna	Samantha
626	2021-09-05	2021-12-19	Nagarjuna	NaN
657	2022-02-26	2022-05-21	Nagarjuna	NaN
681	2023-09-03	2023-12-17	Nagarjuna	NaN
714	2017-06-25	2017-09-30	Kamal Haasan	NaN
731	2018-06-17	2018-09-30	Kamal Haasan	NaN
735	2019-06-23	2019-10-06	Kamal Haasan	NaN
851	2018-04-15	2018-07-22	Mahesh Manjrekar	NaN
900	2022-10-02	2023-01-08	Mahesh Manjrekar	NaN
941	2016-04-04	2016-07-15	Jeet	NaN
1015	2022-03-27	2022-07-03	Mohanlal	NaN
1016	2022-03-27	2022-07-03	Mohanlal	NaN
1022	2022-03-27	2022-07-03	Mohanlal	NaN
1023	2022-03-27	2022-07-03	Mohanlal	NaN
1029	2023-03-26	2023-07-02	Mohanlal	NaN

	Prize Money (INR)	Broadcasted By	OTT Platform	Average TRP \
24	0.0	Colors	NaN	2.89
55	0.0	Colors	NaN	4.95
79	0.0	Colors	NaN	3.81

67

93	0.0	Colors	NaN	3.81
95	0.0	Colors	NaN	3.81
96	0.0	Colors	NaN	3.81
97	0.0	Colors	NaN	3.81
153	0.0	Colors	NaN	2.90
174	0.0	Colors	Voot	3.54
178	0.0	Colors	Voot	3.54
181	0.0	Colors	Voot	3.54
204	0.0	Colors	NaN	4.99
216	0.0	Colors	NaN	4.99
231	0.0	Colors	NaN	9.06
236	5000000.0	Colors	NaN	9.06
238	0.0	Colors	NaN	9.06
239	0.0	Colors	NaN	9.06
240	0.0	Colors	NaN	9.06
560	0.0	Star Maa	NaN	15.00
593	5000000.0	Star Maa	Disney+ Hotstar	18.10
603	0.0	Star Maa	Disney+ Hotstar	20.10
606	0.0	Star Maa	Disney+ Hotstar	20.10
617	2500000.0	Star Maa	Disney+ Hotstar	20.10
626	0.0	Star Maa	Disney+ Hotstar	18.20
657	0.0	NaN	Disney+ Hotstar	NaN
681	NaN	Star Maa	Disney+ Hotstar	NaN
714	0.0	Star Vijay	NaN	7.80
731	0.0	Star Vijay	Disney+ Hotstar	8.20
735	0.0	Star Vijay	Disney+ Hotstar	8.80
851	0.0	Colors Marathi	NaN	NaN
900	0.0	Colors Marathi	Voot	NaN
941	0.0	Colors Bangla	NaN	6.50
1015	0.0	Asianet	Disney+ Hotstar	8.10
1016	0.0	Asianet	Disney+ Hotstar	8.10
1022	0.0	Asianet	Disney+ Hotstar	8.10
1023	0.0	Asianet	Disney+ Hotstar	8.10
1029	0.0	Asianet	Disney+ Hotstar	NaN

	Most Viewed States	House Location \
24	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
55	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
79	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
93	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
95	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
96	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
97	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
153	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
174	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
178	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
181	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala

```
204    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…    Lonavala
216    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…    Lonavala
231    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…    Mumbai
236    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…    Mumbai
238    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…    Mumbai
239    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…    Mumbai
240    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…    Mumbai
560                       Telangana, Andhra Pradesh    Lonavala
593                       Telangana, Andhra Pradesh    Hyderabad
603                       Telangana, Andhra Pradesh    Hyderabad
606                       Telangana, Andhra Pradesh    Hyderabad
617                       Telangana, Andhra Pradesh    Hyderabad
626                       Telangana, Andhra Pradesh    Hyderabad
657                       Telangana, Andhra Pradesh    Hyderabad
681                       Telangana, Andhra Pradesh    Hyderabad
714                                      Tamil Nadu    Chennai
731                                      Tamil Nadu    Chennai
735                                      Tamil Nadu    Chennai
851                                     Maharashtra    Lonavala
900                                     Maharashtra    Mumbai
941                                     West Bengal    Lonavala
1015                                         Kerala    Mumbai
1016                                         Kerala    Mumbai
1022                                         Kerala    Mumbai
1023                                         Kerala    Mumbai
1029                                         Kerala    Mumbai

      OTT Season                          Season Slogan  \
24         No                                       NaN
55         No                                       NaN
79         No                                       NaN
93         No                                       NaN
95         No                                       NaN
96         No                                       NaN
97         No                                       NaN
153        No                                       NaN
174        No              India consider it your home
178        No              India consider it your home
181        No              India consider it your home
204        No                          Strange pairing
216        No                          Strange pairing
231        No                          Bigg Boss Tedha
236        No                          Bigg Boss Tedha
238        No                          Bigg Boss Tedha
239        No                          Bigg Boss Tedha
240        No                          Bigg Boss Tedha
560        No                                       NaN
```

```
593           No                                              NaN
603           No                                              NaN
606           No                                              NaN
617           No                                              NaN
626           No                                              NaN
657           Yes                                             NaN
681           No                                       Ulta Pulta
714           No                           Can't run, can't hide.
731           No                         Who is good? Who is bad?
735           No            This is not just a show… Our life.
851           No                                              NaN
900           No                                     All is well
941           No                                              NaN
1015          No                       Things will be Colourful
1016          No                       Things will be Colourful
1022          No                       Things will be Colourful
1023          No                       Things will be Colourful
1029          No  Battle of the Originals - The Fire Explodes!


             Season Theme  Number of Evictions Faced  \
24                    NaN                          6
55                    NaN                          4
79                    NaN                          4
93                    NaN                          4
95                    NaN                          5
96                    NaN                          5
97                    NaN                          3
153                   NaN                         12
174                   NaN                          4
178                   NaN                          2
181                   NaN                          2
204           Beach House                          2
216           Beach House                          7
231      Bigg Boss Museum                         12
236      Bigg Boss Museum                         12
238      Bigg Boss Museum                          1
239      Bigg Boss Museum                          2
240      Bigg Boss Museum                          8
560                   NaN                          3
593                   NaN                         12
603                   NaN                          7
606                   NaN                         10
617                   NaN                          7
626                   NaN                          6
657                   NaN                          3
681                   NaN                          5
714   Middle Class House                          3
```

731	Gear	2
735	Chettinad Museum	6
851	Traditional	2
900	Chawl	7
941	NaN	9
1015	NaN	3
1016	NaN	7
1022	NaN	4
1023	NaN	5
1029	NaN	10

	Number of Times Elected as Captain	Number of Re-entries	Walked \
24	0	2	1.0
55	0	0	0.0
79	1	1	0.0
93	1	1	0.0
95	0	1	0.0
96	1	1	0.0
97	0	0	0.0
153	0	0	0.0
174	0	1	1.0
178	0	2	0.0
181	0	1	1.0
204	0	1	0.0
216	1	1	0.0
231	0	1	1.0
236	2	1	1.0
238	0	0	0.0
239	0	0	0.0
240	1	0	0.0
560	1	2	0.0
593	0	0	0.0
603	1	0	0.0
606	1	0	0.0
617	1	0	1.0
626	0	0	0.0
657	1	0	0.0
681	<NA>	<NA>	NaN
714	0	0	0.0
731	1	0	0.0
735	1	0	0.0
851	0	1	0.0
900	0	0	0.0
941	1	0	0.0
1015	1	1	0.0
1016	0	0	0.0
1022	1	0	0.0

```
1023                                        0        0    0.0
1029                                        1        0    0.0
```

	Ejected	In Secret-Room	Won Eviction Free Pass	Won Ticket to Finale \
24	0.0	1.0	1.0	NaN
55	0.0	1.0	NaN	NaN
79	0.0	1.0	NaN	NaN
93	0.0	1.0	NaN	NaN
95	0.0	1.0	NaN	NaN
96	1.0	1.0	NaN	NaN
97	0.0	1.0	NaN	NaN
153	0.0	1.0	NaN	NaN
174	0.0	1.0	NaN	NaN
178	1.0	1.0	NaN	NaN
181	1.0	1.0	NaN	NaN
204	0.0	1.0	NaN	NaN
216	0.0	1.0	NaN	NaN
231	0.0	1.0	NaN	NaN
236	0.0	1.0	NaN	NaN
238	0.0	1.0	NaN	NaN
239	0.0	1.0	NaN	NaN
240	0.0	1.0	NaN	NaN
560	1.0	1.0	NaN	NaN
593	0.0	1.0	NaN	NaN
603	0.0	1.0	NaN	1.0
606	0.0	1.0	NaN	NaN
617	0.0	1.0	NaN	NaN
626	0.0	1.0	NaN	NaN
657	0.0	1.0	NaN	NaN
681	NaN	1.0	NaN	NaN
714	0.0	1.0	NaN	NaN
731	0.0	1.0	NaN	NaN
735	0.0	1.0	NaN	NaN
851	0.0	1.0	NaN	NaN
900	0.0	1.0	NaN	NaN
941	0.0	1.0	NaN	NaN
1015	0.0	1.0	NaN	NaN
1016	1.0	1.0	NaN	NaN
1022	0.0	1.0	NaN	NaN
1023	0.0	1.0	NaN	NaN
1029	0.0	1.0	NaN	NaN

	Number of Times Best Performer	Number of Times Worst Performer \
24	NaN	NaN
55	NaN	NaN
79	NaN	NaN
93	NaN	NaN

95	NaN	NaN
96	NaN	NaN
97	NaN	NaN
153	NaN	1.0
174	NaN	NaN
178	NaN	NaN
181	NaN	1.0
204	NaN	NaN
216	NaN	NaN
231	NaN	NaN
236	NaN	1.0
238	NaN	NaN
239	NaN	NaN
240	NaN	NaN
560	NaN	NaN
593	NaN	NaN
603	NaN	NaN
606	NaN	NaN
617	NaN	NaN
626	NaN	NaN
657	NaN	NaN
681	NaN	NaN
714	NaN	NaN
731	NaN	NaN
735	NaN	NaN
851	NaN	NaN
900	NaN	NaN
941	NaN	NaN
1015	NaN	NaN
1016	NaN	NaN
1022	NaN	NaN
1023	NaN	NaN
1029	NaN	NaN

	Secret Task	Social Media Popularity	Finalist	Winner \
24	NaN	<NA>	1	0.0
55	NaN	<NA>	0	0.0
79	NaN	<NA>	0	0.0
93	NaN	<NA>	0	0.0
95	NaN	<NA>	0	0.0
96	NaN	<NA>	1	0.0
97	NaN	<NA>	0	0.0
153	NaN	<NA>	1	0.0
174	NaN	<NA>	1	0.0
178	NaN	<NA>	0	0.0
181	NaN	<NA>	0	0.0
204	NaN	<NA>	0	0.0

216	Success	7	1	0.0
231	Success	6	1	0.0
236	NaN	10	1	1.0
238	NaN	<NA>	0	0.0
239	NaN	<NA>	0	0.0
240	NaN	<NA>	0	0.0
560	NaN	<NA>	0	0.0
593	NaN	9	1	1.0
603	NaN	9	1	0.0
606	NaN	7	1	0.0
617	NaN	7	1	0.0
626	NaN	<NA>	0	0.0
657	NaN	6	1	0.0
681	NaN	<NA>	<NA>	NaN
714	NaN	<NA>	0	0.0
731	NaN	<NA>	0	0.0
735	NaN	<NA>	0	0.0
851	NaN	<NA>	0	0.0
900	NaN	7	1	0.0
941	NaN	<NA>	1	0.0
1015	NaN	<NA>	0	0.0
1016	NaN	7	0	0.0
1022	NaN	7	1	0.0
1023	NaN	<NA>	0	0.0
1029	NaN	<NA>	0	0.0

	Season Length in weeks	Evictions Faced Percentage
24	14	43
55	14	29
79	14	29
93	14	29
95	14	36
96	14	36
97	14	21
153	15	80
174	15	27
178	15	13
181	15	13
204	15	13
216	15	47
231	20	60
236	20	60
238	20	5
239	20	10
240	20	40
560	10	30
593	15	80

```
603                    15                      47
606                    15                      67
617                    15                      47
626                    15                      40
657                    12                      25
681                    15                      33
714                    14                      21
731                    15                      13
735                    15                      40
851                    14                      14
900                    14                      50
941                    15                      60
1015                   14                      21
1016                   14                      50
1022                   14                      29
1023                   14                      36
1029                   14                      71
```

[44]: ```python
5 housemates were ejected from BB house, but returned from secret room
bigg_boss.loc[(bigg_boss['In Secret-Room']>=1) & (bigg_boss['Ejected']>=1)]
```

[44]:
```
         Language Season Number                 Name            Profession  \
96          Hindi              6      Imam Siddique  Reality Show Alumni
178         Hindi             10     Priyanka Jagga           Commoner
181         Hindi             10           Swami Om            Swamiji
560        Telugu              1      Mumaith Khan            Actress
1016   Malayalam              4  Robin Radhakrishnan            Doctor

       Gender      Age Entry Date Elimination Date  Elimination Week Number  \
96       Male      NaN        NaT       2013-01-12                       14
178    Female      NaN 2016-10-16              NaT                        8
181      Male      NaN 2016-10-16              NaT                     <NA>
560    Female   Middle 2017-07-16       2017-09-03                        7
1016     Male      NaN 2022-03-27              NaT                       10

      Contestant Number Wild Card  Season Length  Number of Housemates  \
96                 18.0       Yes             97                     19
178                12.0        No            106                     18
181                 1.0        No            106                     18
560                 3.0        No             70                     16
1016                4.0        No             98                     20

      Season Start Date Season End Date     Host Name Guest Host Name  \
96           2012-10-07      2013-01-12   Salman Khan             NaN
178          2016-10-16      2017-01-29   Salman Khan             NaN
181          2016-10-16      2017-01-29   Salman Khan             NaN
560          2017-07-16      2017-09-24       Jr. NTR             NaN
```

```
1016        2022-03-27        2022-07-03       Mohanlal               NaN

      Prize Money (INR) Broadcasted By      OTT Platform  Average TRP  \
96                  0.0         Colors               NaN         3.81
178                 0.0         Colors              Voot         3.54
181                 0.0         Colors              Voot         3.54
560                 0.0       Star Maa               NaN        15.00
1016                0.0        Asianet  Disney+ Hotstar         8.10

                                       Most Viewed States House Location  \
96     Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
178    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
181    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
560                       Telangana, Andhra Pradesh        Lonavala
1016                                           Kerala          Mumbai

     OTT Season               Season Slogan Season Theme  \
96          No                         NaN          NaN
178         No  India consider it your home          NaN
181         No  India consider it your home          NaN
560         No                         NaN          NaN
1016        No     Things will be Colourful          NaN

      Number of Evictions Faced  Number of Times Elected as Captain  \
96                            5                                   1
178                           2                                   0
181                           2                                   0
560                           3                                   1
1016                          7                                   0

      Number of Re-entries  Walked  Ejected  In Secret-Room  \
96                       1     0.0      1.0             1.0
178                      2     0.0      1.0             1.0
181                      1     1.0      1.0             1.0
560                      2     0.0      1.0             1.0
1016                     0     0.0      1.0             1.0

      Won Eviction Free Pass  Won Ticket to Finale  \
96                       NaN                   NaN
178                      NaN                   NaN
181                      NaN                   NaN
560                      NaN                   NaN
1016                     NaN                   NaN

      Number of Times Best Performer  Number of Times Worst Performer  \
96                               NaN                              NaN
178                              NaN                              NaN
```

```
181                          NaN                          1.0
560                          NaN                          NaN
1016                         NaN                          NaN


      Secret Task  Social Media Popularity  Finalist  Winner  \
96          NaN                      <NA>         1     0.0
178         NaN                      <NA>         0     0.0
181         NaN                      <NA>         0     0.0
560         NaN                      <NA>         0     0.0
1016        NaN                         7         0     0.0


      Season Length in weeks  Evictions Faced Percentage
96                       14                           36
178                      15                           13
181                      15                           13
560                      10                           30
1016                     14                           50
```

[45]: *# Swami Om was the only participant, who walked out and ejected from house and*
↪went to secret room
```
bigg_boss.loc[(bigg_boss['In Secret-Room']>=1) & (bigg_boss['Ejected']>=1) &
↪(bigg_boss['Walked']>=1)]
```

[45]:
```
      Language  Season Number      Name Profession Gender  Age Entry Date  \
181      Hindi             10  Swami Om    Swamiji   Male  NaN 2016-10-16


      Elimination Date  Elimination Week Number  Contestant Number Wild Card  \
181               NaT                     <NA>                 1.0        No


      Season Length  Number of Housemates Season Start Date Season End Date  \
181             106                    18        2016-10-16      2017-01-29


      Host Name Guest Host Name  Prize Money (INR) Broadcasted By  \
181  Salman Khan            NaN                0.0         Colors


      OTT Platform  Average TRP  \
181          Voot         3.54


                              Most Viewed States House Location  \
181  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala


      OTT Season             Season Slogan Season Theme  \
181         No   India consider it your home          NaN


      Number of Evictions Faced  Number of Times Elected as Captain  \
181                          2                                   0
```

```
         Number of Re-entries  Walked  Ejected  In Secret-Room  \
181                         1     1.0      1.0             1.0

         Won Eviction Free Pass  Won Ticket to Finale  \
181                         NaN                   NaN

         Number of Times Best Performer  Number of Times Worst Performer  \
181                               NaN                               1.0

         Secret Task  Social Media Popularity  Finalist  Winner  \
181              NaN                     <NA>         0     0.0

         Season Length in weeks  Evictions Faced Percentage
181                          15                          13
```

[46]:
```python
# Housemates who won Ticket to Finale
print(bigg_boss.loc[bigg_boss['Won Ticket to Finale']>=1]['Name'].count())
bigg_boss.loc[bigg_boss['Won Ticket to Finale']>=1]
```

```
22
```

[46]:
```
         Language  Season Number                    Name            Profession  \
175         Hindi             10          Manveer Gurjar              Commoner
193         Hindi             11               Luv Tyagi              Commoner
196         Hindi             11          Puneesh Sharma   Reality Show Alumni
221         Hindi             12             Surbhi Rana              Commoner
253         Hindi             14           Rubina Dilaik           Soap Actress
311         Hindi             16   Nimrit Kaur Ahluwalia           Soap Actress
603        Telugu              4            Akhil Sarthak             Soap Actor
636        Telugu              5                   Sunny           Video Jockey
676        Telugu              6            Shrihan Shaik      Social Media Star
710         Tamil              1                  Snehan               Lyricist
720         Tamil              2             Janani Iyer                Actress
741         Tamil              3               Mugen Rao                 Singer
764         Tamil              4               Somshekar                  Model
787         Tamil              5                    Amir           Choreographer
806         Tamil              6              Amudhavanan               Comedian
868       Marathi              2             Neha Shitole                Actress
872       Marathi              2            Shivani Surve           Soap Actress
893       Marathi              3             Vishal Nikam             Soap Actor
899       Marathi              4          Apurva Nemlekar           Soap Actress
989     Malayalam              3              Dimpal Bhal      Social Media Star
1009    Malayalam              4          Dilsha Prasannan          Soap Actress
1033    Malayalam              5            Nadira Mehrin             Journalist

         Gender     Age Entry Date Elimination Date  \
175        Male   Young 2016-10-16              NaT
```

193	Male	NaN	2017-10-01	NaT
196	Male	NaN	2017-10-01	NaT
221	Female	NaN	NaT	2018-12-30
253	Female	Middle	2020-10-03	NaT
311	Female	NaN	2022-10-01	NaT
603	Male	Middle	2020-09-06	2020-12-20
636	Male	Middle	2021-09-05	NaT
676	Male	Middle	2022-09-04	2022-12-18
710	Male	NaN	2017-06-25	2017-09-30
720	Female	NaN	2018-06-17	2018-09-30
741	Male	Young	2019-06-23	NaT
764	Male	NaN	2020-10-04	2021-01-17
787	Male	NaN	NaT	NaT
806	Male	NaN	2022-10-09	NaT
868	Female	NaN	2019-05-26	NaT
872	Female	NaN	2019-05-26	NaT
893	Male	Young	2021-09-19	NaT
899	Female	NaN	2022-10-02	NaT
989	Female	NaN	2021-02-14	NaT
1009	Female	Middle	2022-03-27	NaT
1033	Transgender	NaN	2023-03-26	NaT

	Elimination Week Number	Contestant Number	Wild Card	Season Length \
175	<NA>	3.0	No	106
193	14	2.0	No	106
196	15	15.0	No	106
221	15	18.0	Yes	105
253	<NA>	4.0	No	141
311	19	1.0	No	134
603	15	15.0	No	105
636	<NA>	2.0	No	105
676	15	3.0	No	105
710	14	7.0	No	98
720	15	6.0	No	105
741	<NA>	13.0	No	105
764	15	10.0	No	105
787	15	19.0	Yes	105
806	15	14.0	No	105
868	14	2.0	No	98
872	3	4.0	No	98
893	<NA>	2.0	No	98
899	14	8.0	No	98
989	<NA>	2.0	No	95
1009	<NA>	16.0	No	98
1033	14	14.0	No	99

        Number of Housemates Season Start Date Season End Date \

175	18	2016-10-16	2017-01-29
193	19	2017-10-01	2018-01-14
196	19	2017-10-01	2018-01-14
221	20	2018-09-16	2018-12-30
253	22	2020-10-03	2021-02-21
311	17	2022-10-01	2023-02-12
603	19	2020-09-06	2020-12-20
636	19	2021-09-05	2021-12-19
676	21	2022-09-04	2022-12-18
710	19	2017-06-25	2017-09-30
720	17	2018-06-17	2018-09-30
741	17	2019-06-23	2019-10-06
764	18	2020-10-04	2021-01-17
787	20	2021-10-03	2022-01-16
806	21	2022-10-09	2023-01-22
868	17	2019-05-26	2019-09-01
872	17	2019-05-26	2019-09-01
893	17	2021-09-19	2021-12-26
899	19	2022-10-02	2023-01-08
989	18	2021-02-14	2021-05-20
1009	20	2022-03-27	2022-07-03
1033	21	2023-03-26	2023-07-02

	Host Name	Guest Host Name	Prize Money (INR)	Broadcasted By \
175	Salman Khan	NaN	5000000.0	Colors
193	Salman Khan	NaN	0.0	Colors
196	Salman Khan	NaN	0.0	Colors
221	Salman Khan	NaN	0.0	Colors
253	Salman Khan	NaN	3600000.0	Colors
311	Salman Khan	Karan Johar	0.0	Colors
603	Nagarjuna	Samantha	0.0	Star Maa
636	Nagarjuna	NaN	5000000.0	Star Maa
676	Nagarjuna	NaN	4000000.0	Star Maa
710	Kamal Haasan	NaN	0.0	Star Vijay
720	Kamal Haasan	NaN	0.0	Star Vijay
741	Kamal Haasan	NaN	5000000.0	Star Vijay
764	Kamal Haasan	NaN	0.0	Star Vijay
787	Kamal Haasan	Ramya Krishnan	0.0	Star Vijay
806	Kamal Haasan	NaN	1175000.0	Star Vijay
868	Mahesh Manjrekar	NaN	0.0	Colors Marathi
872	Mahesh Manjrekar	NaN	0.0	Colors Marathi
893	Mahesh Manjrekar	Siddhartha Jadhav	2000000.0	Colors Marathi
899	Mahesh Manjrekar	NaN	0.0	Colors Marathi
989	Mohanlal	NaN	0.0	Asianet
1009	Mohanlal	NaN	5000000.0	Asianet
1033	Mohanlal	NaN	0.0	Asianet

	OTT Platform	Average TRP
175	Voot	3.54
193	NaN	7.64
196	NaN	7.64
221	NaN	4.99
253	Voot	NaN
311	Voot	NaN
603	Disney+ Hotstar	20.10
636	Disney+ Hotstar	18.20
676	Disney+ Hotstar	8.40
710	NaN	7.80
720	Disney+ Hotstar	8.20
741	Disney+ Hotstar	8.80
764	Disney+ Hotstar	16.60
787	Disney+ Hotstar	17.90
806	Disney+ Hotstar	15.30
868	NaN	NaN
872	NaN	NaN
893	Voot	NaN
899	Voot	NaN
989	Disney+ Hotstar	12.40
1009	Disney+ Hotstar	8.10
1033	Disney+ Hotstar	NaN

	Most Viewed States	House Location
175	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
193	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
196	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
221	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
253	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
311	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
603	Telangana, Andhra Pradesh	Hyderabad
636	Telangana, Andhra Pradesh	Hyderabad
676	Telangana, Andhra Pradesh	Hyderabad
710	Tamil Nadu	Chennai
720	Tamil Nadu	Chennai
741	Tamil Nadu	Chennai
764	Tamil Nadu	Chennai
787	Tamil Nadu	Chennai
806	Tamil Nadu	Chennai
868	Maharashtra	Mumbai
872	Maharashtra	Mumbai
893	Maharashtra	Mumbai
899	Maharashtra	Mumbai
989	Kerala	Chennai
1009	Kerala	Mumbai
1033	Kerala	Mumbai

	OTT Season	Season Slogan
175	No	India consider it your home
193	No	Neighbors will ring twelve
196	No	Neighbors will ring twelve
221	No	Strange pairing
253	No	Ab Scene Paltega
311	No	Game Badlega, Kyunki Bigg Boss Khud Khelega
603	No	NaN
636	No	NaN
676	No	NaN
710	No	Can't run, can't hide.
720	No	Who is good? Who is bad?
741	No	This is not just a show… Our life.
764	No	If it is wrong, I will question it. If it is r…
787	No	Expect the unexpected
806	No	There can be only one king in a forest. Are yo…
868	No	fun ball, fun thing, fun stump
872	No	fun ball, fun thing, fun stump
893	No	NaN
899	No	All is well
989	No	The Show Must Go On
1009	No	Things will be Colourful
1033	No	Battle of the Originals – The Fire Explodes!

	Season Theme	Number of Evictions Faced
175	NaN	7
193	Padosi	7
196	Padosi	5
221	Beach House	4
253	Futuristic	14
311	Circus	5
603	NaN	7
636	NaN	9
676	NaN	9
710	Middle Class House	6
720	Gear	6
741	Chettinad Museum	4
764	Aesthetic	10
787	Nature	4
806	Luxury Mansion	4
868	Royal Mansion	7
872	Royal Mansion	2
893	Cultural	9
899	Chawl	6
989	NaN	7
1009	NaN	7

1033	NaN	5

	Number of Times Elected as Captain	Number of Re-entries	Walked \
175	3	0	0.0
193	1	0	0.0
196	1	0	0.0
221	5	1	0.0
253	1	0	0.0
311	5	0	0.0
603	1	0	0.0
636	1	0	0.0
676	1	0	0.0
710	3	0	0.0
720	1	0	0.0
741	2	0	0.0
764	0	0	0.0
787	1	0	0.0
806	1	0	0.0
868	1	0	0.0
872	1	1	1.0
893	0	0	0.0
899	1	0	0.0
989	0	1	1.0
1009	1	0	0.0
1033	1	0	1.0

	Ejected	In Secret-Room	Won Eviction Free Pass	Won Ticket to Finale \
175	0.0	NaN	NaN	1.0
193	0.0	NaN	NaN	1.0
196	0.0	NaN	NaN	1.0
221	0.0	NaN	NaN	1.0
253	0.0	NaN	1.0	1.0
311	0.0	NaN	NaN	1.0
603	0.0	1.0	NaN	1.0
636	0.0	NaN	NaN	1.0
676	0.0	NaN	NaN	1.0
710	0.0	NaN	NaN	1.0
720	0.0	NaN	NaN	1.0
741	0.0	NaN	NaN	1.0
764	0.0	NaN	NaN	1.0
787	0.0	NaN	NaN	1.0
806	0.0	NaN	NaN	1.0
868	0.0	NaN	NaN	1.0
872	0.0	NaN	NaN	1.0
893	0.0	NaN	NaN	1.0
899	0.0	NaN	NaN	1.0
989	0.0	NaN	NaN	1.0

1009	0.0	NaN	NaN	1.0
1033	0.0	NaN	NaN	1.0

	Number of Times Best Performer	Number of Times Worst Performer \
175	NaN	NaN
193	NaN	NaN
196	NaN	1.0
221	NaN	NaN
253	NaN	NaN
311	NaN	NaN
603	NaN	NaN
636	NaN	2.0
676	NaN	NaN
710	NaN	NaN
720	NaN	NaN
741	NaN	NaN
764	NaN	NaN
787	NaN	NaN
806	NaN	NaN
868	NaN	NaN
872	NaN	NaN
893	NaN	NaN
899	NaN	NaN
989	2.0	NaN
1009	NaN	NaN
1033	NaN	2.0

	Secret Task	Social Media Popularity	Finalist	Winner \
175	NaN	8	1	1.0
193	NaN	<NA>	0	0.0
196	NaN	6	1	0.0
221	Success	<NA>	0	0.0
253	NaN	9	1	1.0
311	NaN	<NA>	0	0.0
603	NaN	9	1	0.0
636	NaN	10	1	1.0
676	NaN	9	1	0.0
710	NaN	6	1	0.0
720	NaN	5	1	0.0
741	NaN	8	1	1.0
764	NaN	6	1	0.0
787	NaN	8	1	0.0
806	NaN	7	1	0.0
868	NaN	<NA>	1	0.0
872	NaN	<NA>	1	0.0
893	NaN	9	1	1.0
899	NaN	8	1	0.0

			Evictions Faced	
989	NaN	7	1	0.0
1009	NaN	9	1	1.0
1033	NaN	<NA>	1	0.0

	Season Length in weeks	Evictions Faced Percentage
175	15	47
193	15	47
196	15	33
221	15	27
253	20	70
311	19	26
603	15	47
636	15	60
676	15	60
710	14	43
720	15	40
741	15	27
764	15	67
787	15	27
806	15	27
868	14	50
872	14	14
893	14	64
899	14	43
989	14	50
1009	14	50
1033	14	36

```
[47]:  # Housemates who won Eviction Free Pass
       print(bigg_boss.loc[bigg_boss['Won Eviction Free Pass']>=1]['Name'].count())
       bigg_boss.loc[bigg_boss['Won Eviction Free Pass']>=1]
```

```
       24
```

[47]:	Language	Season Number	Name	Profession \
21	Hindi	2	Monica Bedi	Actress
24	Hindi	2	Raja Chaudhary	Actor
92	Hindi	6	Urvashi Dholakia	Soap Actress
134	Hindi	8	Renee Dhyani	Reality Show Alumni
135	Hindi	8	Dimpy Ganguly	Soap Actress
143	Hindi	Halla Bol	Pritam Singh	Radio Jockey
199	Hindi	11	Shilpa Shinde	Soap Actress
212	Hindi	12	Romil Chaudhary	Commoner
234	Hindi	13	Shehnaaz Gill	Singer
249	Hindi	14	Nikki Tamboli	Actress
250	Hindi	14	Nishant Singh Malkani	Model
251	Hindi	14	Pavitra Punia	Soap Actress

```
253         Hindi         14      Rubina Dilaik        Soap Actress
287         Hindi         15      Nishant Bhat         Choreographer
291         Hindi         15      Simba Nagpal         Soap Actor
619        Telugu          4           Avinash         Comedian
664        Telugu          6             Faima         Comedian
683        Telugu          7  Pallavi Prashanth  Social Media Star
687        Telugu          7           Sandeep         Choreographer
689        Telugu          7      Shobha Shetty       Soap Actress
690        Telugu          7            Sivaji             Actor
751         Tamil          4   Aajeedh Khalique            Singer
995     Malayalam          3    Ramzan Muhammed            Dancer
1011    Malayalam          4    Jasmine M Moosa   Fitness Trainer

      Gender     Age Entry Date Elimination Date  Elimination Week Number  \
21    Female     NaN 2008-08-17              NaT                       13
24      Male     NaN 2008-08-17       2008-11-22                       14
92    Female  Middle 2012-10-07              NaT                     <NA>
134   Female     NaN        NaT              NaT                       10
135   Female   Young        NaT       2015-01-03                       15
143     Male     NaN 2015-01-04              NaT                        4
199   Female  Middle 2017-10-01              NaT                     <NA>
212     Male     NaN 2018-09-16       2018-12-30                       15
234   Female     NaN 2019-09-29              NaT                       20
249   Female     NaN 2020-10-03              NaT                       20
250     Male     NaN 2020-10-03              NaT                        4
251   Female     NaN 2020-10-03              NaT                        8
253   Female  Middle 2020-10-03              NaT                     <NA>
287     Male     NaN 2021-10-02              NaT                       17
291     Male     NaN 2021-10-02              NaT                        8
619     Male  Middle 2020-09-19       2020-12-06                       13
664   Female   Young 2022-09-04       2022-12-04                       13
683     Male   Young 2023-09-03              NaT                     <NA>
687     Male  Middle 2023-09-03              NaT                     <NA>
689   Female  Middle 2023-09-03              NaT                     <NA>
690     Male     Old 2023-09-03              NaT                     <NA>
751     Male     NaN 2020-10-04              NaT                       13
995     Male     NaN 2021-02-14              NaT                     <NA>
1011  Female     NaN 2022-03-27              NaT                       10

      Contestant Number Wild Card  Season Length  Number of Housemates  \
21                  1.0        No             98                    15
24                  9.0        No             98                    15
92                  5.0        No             97                    19
134                17.0       Yes            105                    19
135                18.0       Yes            105                    19
143                 3.0        No             28                    10
199                17.0        No            106                    19
```

212	5.0	No	105	20
234	9.0	No	140	21
249	2.0	No	141	22
250	6.0	No	141	22
251	10.0	No	141	22
253	4.0	No	141	22
287	16.0	No	120	24
291	5.0	No	120	24
619	18.0	Yes	105	19
664	17.0	No	105	21
683	13.0	No	105	19
687	7.0	No	105	19
689	8.0	No	105	19
690	2.0	No	105	19
751	16.0	No	105	18
995	11.0	No	95	18
1011	7.0	No	98	20

	Season Start Date	Season End Date	Host Name	Guest Host Name \
21	2008-08-17	2008-11-22	Shilpa Shetty	NaN
24	2008-08-17	2008-11-22	Shilpa Shetty	NaN
92	2012-10-07	2013-01-12	Salman Khan	NaN
134	2014-09-21	2015-01-03	Salman Khan	Farah Khan
135	2014-09-21	2015-01-03	Salman Khan	Farah Khan
143	2015-01-04	2015-01-31	Farah Khan	NaN
199	2017-10-01	2018-01-14	Salman Khan	NaN
212	2018-09-16	2018-12-30	Salman Khan	NaN
234	2019-09-29	2020-02-15	Salman Khan	NaN
249	2020-10-03	2021-02-21	Salman Khan	NaN
250	2020-10-03	2021-02-21	Salman Khan	NaN
251	2020-10-03	2021-02-21	Salman Khan	NaN
253	2020-10-03	2021-02-21	Salman Khan	NaN
287	2021-10-02	2022-01-30	Salman Khan	NaN
291	2021-10-02	2022-01-30	Salman Khan	NaN
619	2020-09-06	2020-12-20	Nagarjuna	Samantha
664	2022-09-04	2022-12-18	Nagarjuna	NaN
683	2023-09-03	2023-12-17	Nagarjuna	NaN
687	2023-09-03	2023-12-17	Nagarjuna	NaN
689	2023-09-03	2023-12-17	Nagarjuna	NaN
690	2023-09-03	2023-12-17	Nagarjuna	NaN
751	2020-10-04	2021-01-17	Kamal Haasan	NaN
995	2021-02-14	2021-05-20	Mohanlal	NaN
1011	2022-03-27	2022-07-03	Mohanlal	NaN

	Prize Money (INR)	Broadcasted By	OTT Platform	Average TRP \
21	0.0	Colors	NaN	2.89
24	0.0	Colors	NaN	2.89

92	5000000.0	Colors	NaN	3.81
134	0.0	Colors	NaN	3.77
135	0.0	Colors	NaN	3.77
143	0.0	Colors	NaN	2.82
199	5000000.0	Colors	NaN	7.64
212	0.0	Colors	NaN	4.99
234	0.0	Colors	NaN	9.06
249	0.0	Colors	Voot	NaN
250	0.0	Colors	Voot	NaN
251	0.0	Colors	Voot	NaN
253	3600000.0	Colors	Voot	NaN
287	0.0	Colors	Voot	NaN
291	0.0	Colors	Voot	NaN
619	0.0	Star Maa	Disney+ Hotstar	20.10
664	0.0	Star Maa	Disney+ Hotstar	8.40
683	NaN	Star Maa	Disney+ Hotstar	NaN
687	NaN	Star Maa	Disney+ Hotstar	NaN
689	NaN	Star Maa	Disney+ Hotstar	NaN
690	NaN	Star Maa	Disney+ Hotstar	NaN
751	0.0	Star Vijay	Disney+ Hotstar	16.60
995	0.0	Asianet	Disney+ Hotstar	12.40
1011	0.0	Asianet	Disney+ Hotstar	8.10

	Most Viewed States	House Location \
21	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
24	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
92	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
134	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
135	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
143	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
199	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
212	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
234	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
249	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
250	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
251	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
253	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
287	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
291	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
619	Telangana, Andhra Pradesh	Hyderabad
664	Telangana, Andhra Pradesh	Hyderabad
683	Telangana, Andhra Pradesh	Hyderabad
687	Telangana, Andhra Pradesh	Hyderabad
689	Telangana, Andhra Pradesh	Hyderabad
690	Telangana, Andhra Pradesh	Hyderabad
751	Tamil Nadu	Chennai
995	Kerala	Chennai

1011   Kerala   Mumbai

	OTT Season	Season Slogan \
21	No	NaN
24	No	NaN
92	No	NaN
134	No	NaN
135	No	NaN
143	No	NaN
199	No	Neighbors will ring twelve
212	No	Strange pairing
234	No	Bigg Boss Tedha
249	No	Ab Scene Paltega
250	No	Ab Scene Paltega
251	No	Ab Scene Paltega
253	No	Ab Scene Paltega
287	No	Sankat in Jungle
291	No	Sankat in Jungle
619	No	NaN
664	No	NaN
683	No	Ulta Pulta
687	No	Ulta Pulta
689	No	Ulta Pulta
690	No	Ulta Pulta
751	No	If it is wrong, I will question it. If it is r…
995	No	The Show Must Go On
1011	No	Things will be Colourful

	Season Theme	Number of Evictions Faced \
21	NaN	3
24	NaN	6
92	NaN	5
134	NaN	1
135	NaN	5
143	NaN	3
199	Padosi	10
212	Beach House	6
234	Bigg Boss Museum	11
249	Futuristic	11
250	Futuristic	3
251	Futuristic	3
253	Futuristic	14
287	Jungle	8
291	Jungle	7
619	NaN	4
664	NaN	9
683	NaN	2

687	NaN	0
689	NaN	3
690	NaN	2
751	Aesthetic	7
995	NaN	5
1011	NaN	5

	Number of Times Elected as Captain	Number of Re-entries	Walked	\
21	0	1	0.0
24	0	2	1.0
92	1	0	0.0
134	0	0	0.0
135	1	0	0.0
143	1	0	1.0
199	0	0	0.0
212	3	1	0.0
234	1	0	0.0
249	0	1	0.0
250	0	0	0.0
251	0	1	0.0
253	1	0	0.0
287	1	0	0.0
291	0	0	0.0
619	1	0	0.0
664	1	0	0.0
683	1	<NA>	NaN
687	<NA>	<NA>	NaN
689	<NA>	<NA>	NaN
690	<NA>	<NA>	1.0
751	1	0	0.0
995	2	0	0.0
1011	1	0	1.0

	Ejected	In Secret-Room	Won Eviction Free Pass	Won Ticket to Finale	\
21	0.0	NaN	1.0	NaN
24	0.0	1.0	1.0	NaN
92	0.0	NaN	1.0	NaN
134	0.0	NaN	1.0	NaN
135	0.0	NaN	1.0	NaN
143	0.0	NaN	1.0	NaN
199	0.0	NaN	1.0	NaN
212	0.0	NaN	1.0	NaN
234	0.0	NaN	1.0	NaN
249	0.0	NaN	1.0	NaN
250	0.0	NaN	1.0	NaN
251	0.0	NaN	1.0	NaN
253	0.0	NaN	1.0	1.0

287	0.0	NaN	1.0	NaN
291	0.0	NaN	1.0	NaN
619	0.0	NaN	1.0	NaN
664	0.0	NaN	1.0	NaN
683	NaN	NaN	1.0	NaN
687	NaN	NaN	1.0	NaN
689	NaN	NaN	1.0	NaN
690	NaN	NaN	1.0	NaN
751	0.0	NaN	1.0	NaN
995	0.0	NaN	1.0	NaN
1011	0.0	NaN	1.0	NaN

	Number of Times Best Performer	Number of Times Worst Performer \
21	NaN	NaN
24	NaN	NaN
92	NaN	NaN
134	NaN	NaN
135	NaN	NaN
143	NaN	NaN
199	1.0	NaN
212	NaN	NaN
234	NaN	1.0
249	NaN	NaN
250	NaN	NaN
251	NaN	NaN
253	NaN	NaN
287	NaN	NaN
291	NaN	NaN
619	NaN	NaN
664	NaN	NaN
683	NaN	NaN
687	NaN	NaN
689	NaN	NaN
690	NaN	NaN
751	NaN	NaN
995	4.0	NaN
1011	NaN	NaN

	Secret Task	Social Media Popularity	Finalist	Winner \
21	NaN	\<NA>	0	0.0
24	NaN	\<NA>	1	0.0
92	NaN	\<NA>	1	1.0
134	NaN	\<NA>	0	0.0
135	NaN	\<NA>	1	0.0
143	NaN	\<NA>	1	0.0
199	NaN	8	1	1.0
212	NaN	5	1	0.0

	NaN			
234	NaN	8	1	0.0
249	NaN	7	1	0.0
250	NaN	<NA>	0	0.0
251	NaN	<NA>	0	0.0
253	NaN	9	1	1.0
287	NaN	7	1	0.0
291	NaN	<NA>	0	0.0
619	NaN	8	0	0.0
664	NaN	<NA>	0	0.0
683	NaN	<NA>	<NA>	NaN
687	NaN	<NA>	<NA>	NaN
689	NaN	<NA>	<NA>	NaN
690	NaN	<NA>	<NA>	NaN
751	NaN	<NA>	0	0.0
995	NaN	6	1	0.0
1011	NaN	<NA>	0	0.0

	Season Length in weeks	Evictions Faced Percentage
21	14	21
24	14	43
92	14	36
134	15	7
135	15	33
143	4	75
199	15	67
212	15	40
234	20	55
249	20	55
250	20	15
251	20	15
253	20	70
287	17	47
291	17	41
619	15	27
664	15	60
683	15	13
687	15	0
689	15	20
690	15	13
751	15	47
995	14	36
1011	14	36

```python
# Housemates who received Best Performer
print(bigg_boss.loc[bigg_boss['Number of Times Best Performer']>=1]['Name'].
 count())
bigg_boss.loc[bigg_boss['Number of Times Best Performer']>=1]
```

[48]:

	Language	Season Number	Name	Profession
185	Hindi	11	Akash Anil Dadlani	Singer
186	Hindi	11	Arshi Khan	Actress
190	Hindi	11	Hiten Tejwani	Soap Actor
199	Hindi	11	Shilpa Shinde	Soap Actress
201	Hindi	11	Vikas Gupta	Producer
643	Telugu	Non-Stop	Ariyana Glory	TV Anchor
647	Telugu	Non-Stop	Hamida Khatoon	Actress
648	Telugu	Non-Stop	Mahesh Vitta	Comedian
649	Telugu	Non-Stop	Mitraaw Sharma	Actress
651	Telugu	Non-Stop	Nataraj	Choreographer
986	Malayalam	3	Adoney John	Activist
987	Malayalam	3	Anoop Krishnan	Soap Actor
989	Malayalam	3	Dimpal Bhal	Social Media Star
990	Malayalam	3	Firoz Azeez	Radio Jockey
993	Malayalam	3	Manikuttan	Actor
994	Malayalam	3	Noby Marcose	Actor
995	Malayalam	3	Ramzan Muhammed	Dancer
996	Malayalam	3	Rithu Manthra	Model
997	Malayalam	3	Sai Vishnu	Model
998	Malayalam	3	Sandhya Manoj	Dancer
1001	Malayalam	3	Firoz Khan & Sajna Firoz	Actor & Actress

	Gender	Age	Entry Date	Elimination Date	Elimination Week Number
185	Male	NaN	2017-10-01	NaT	15
186	Female	NaN	2017-10-01	NaT	12
190	Male	NaN	2017-10-01	NaT	11
199	Female	Middle	2017-10-01	NaT	<NA>
201	Male	NaN	2017-10-01	NaT	15
643	Female	NaN	2022-02-26	NaT	12
647	Female	NaN	2022-02-26	NaT	9
648	Male	Middle	2022-02-26	NaT	7
649	Female	NaN	2022-02-26	NaT	12
651	Male	Middle	2022-02-26	NaT	11
986	Male	NaN	2021-02-14	NaT	11
987	Male	NaN	2021-02-14	NaT	<NA>
989	Female	NaN	2021-02-14	NaT	<NA>
990	Male	NaN	2021-02-14	NaT	<NA>
993	Male	Middle	2021-02-14	NaT	<NA>
994	Male	NaN	2021-02-14	NaT	<NA>
995	Male	NaN	2021-02-14	NaT	<NA>
996	Female	NaN	2021-02-14	NaT	<NA>
997	Male	NaN	2021-02-14	NaT	<NA>
998	Female	NaN	2021-02-14	NaT	10
1001	Pair	NaN	NaT	NaT	9

	Contestant Number	Wild Card	Season Length	Number of Housemates
185	10.0	No	106	19
186	13.0	No	106	19
190	1.0	No	106	19
199	17.0	No	106	19
201	16.0	No	106	19
643	4.0	No	84	18
647	7.0	No	84	18
648	2.0	No	84	18
649	16.0	No	84	18
651	5.0	No	84	18
986	10.0	No	95	18
987	9.0	No	95	18
989	2.0	No	95	18
990	3.0	No	95	18
993	4.0	No	95	18
994	1.0	No	95	18
995	11.0	No	95	18
996	12.0	No	95	18
997	8.0	No	95	18
998	13.0	No	95	18
1001	16.0	Yes	95	18

	Season Start Date	Season End Date	Host Name	Guest Host Name
185	2017-10-01	2018-01-14	Salman Khan	NaN
186	2017-10-01	2018-01-14	Salman Khan	NaN
190	2017-10-01	2018-01-14	Salman Khan	NaN
199	2017-10-01	2018-01-14	Salman Khan	NaN
201	2017-10-01	2018-01-14	Salman Khan	NaN
643	2022-02-26	2022-05-21	Nagarjuna	NaN
647	2022-02-26	2022-05-21	Nagarjuna	NaN
648	2022-02-26	2022-05-21	Nagarjuna	NaN
649	2022-02-26	2022-05-21	Nagarjuna	NaN
651	2022-02-26	2022-05-21	Nagarjuna	NaN
986	2021-02-14	2021-05-20	Mohanlal	NaN
987	2021-02-14	2021-05-20	Mohanlal	NaN
989	2021-02-14	2021-05-20	Mohanlal	NaN
990	2021-02-14	2021-05-20	Mohanlal	NaN
993	2021-02-14	2021-05-20	Mohanlal	NaN
994	2021-02-14	2021-05-20	Mohanlal	NaN
995	2021-02-14	2021-05-20	Mohanlal	NaN
996	2021-02-14	2021-05-20	Mohanlal	NaN
997	2021-02-14	2021-05-20	Mohanlal	NaN
998	2021-02-14	2021-05-20	Mohanlal	NaN
1001	2021-02-14	2021-05-20	Mohanlal	NaN

	Prize Money (INR)	Broadcasted By	OTT Platform	Average TRP
185	0.0	Colors	NaN	7.64
186	0.0	Colors	NaN	7.64
190	0.0	Colors	NaN	7.64
199	5000000.0	Colors	NaN	7.64
201	0.0	Colors	NaN	7.64
643	1000000.0	NaN	Disney+ Hotstar	NaN
647	0.0	NaN	Disney+ Hotstar	NaN
648	0.0	NaN	Disney+ Hotstar	NaN
649	0.0	NaN	Disney+ Hotstar	NaN
651	0.0	NaN	Disney+ Hotstar	NaN
986	0.0	Asianet	Disney+ Hotstar	12.40
987	0.0	Asianet	Disney+ Hotstar	12.40
989	0.0	Asianet	Disney+ Hotstar	12.40
990	0.0	Asianet	Disney+ Hotstar	12.40
993	7500000.0	Asianet	Disney+ Hotstar	12.40
994	0.0	Asianet	Disney+ Hotstar	12.40
995	0.0	Asianet	Disney+ Hotstar	12.40
996	0.0	Asianet	Disney+ Hotstar	12.40
997	0.0	Asianet	Disney+ Hotstar	12.40
998	0.0	Asianet	Disney+ Hotstar	12.40
1001	0.0	Asianet	Disney+ Hotstar	12.40

	Most Viewed States	House Location
185	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
186	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
190	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
199	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
201	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
643	Telangana, Andhra Pradesh	Hyderabad
647	Telangana, Andhra Pradesh	Hyderabad
648	Telangana, Andhra Pradesh	Hyderabad
649	Telangana, Andhra Pradesh	Hyderabad
651	Telangana, Andhra Pradesh	Hyderabad
986	Kerala	Chennai
987	Kerala	Chennai
989	Kerala	Chennai
990	Kerala	Chennai
993	Kerala	Chennai
994	Kerala	Chennai
995	Kerala	Chennai
996	Kerala	Chennai
997	Kerala	Chennai
998	Kerala	Chennai
1001	Kerala	Chennai

	OTT Season	Season Slogan	Season Theme

185	No	Neighbors will ring twelve	Padosi
186	No	Neighbors will ring twelve	Padosi
190	No	Neighbors will ring twelve	Padosi
199	No	Neighbors will ring twelve	Padosi
201	No	Neighbors will ring twelve	Padosi
643	Yes	NaN	NaN
647	Yes	NaN	NaN
648	Yes	NaN	NaN
649	Yes	NaN	NaN
651	Yes	NaN	NaN
986	No	The Show Must Go On	NaN
987	No	The Show Must Go On	NaN
989	No	The Show Must Go On	NaN
990	No	The Show Must Go On	NaN
993	No	The Show Must Go On	NaN
994	No	The Show Must Go On	NaN
995	No	The Show Must Go On	NaN
996	No	The Show Must Go On	NaN
997	No	The Show Must Go On	NaN
998	No	The Show Must Go On	NaN
1001	No	The Show Must Go On	NaN

	Number of Evictions Faced	Number of Times Elected as Captain \
185	5	0
186	2	1
190	3	1
199	10	0
201	6	2
643	10	0
647	6	0
648	5	0
649	11	0
651	7	1
986	4	2
987	7	2
989	7	0
990	6	1
993	5	2
994	3	2
995	5	2
996	9	1
997	12	1
998	5	0
1001	7	0

	Number of Re-entries	Walked	Ejected	In Secret-Room \
185	0	0.0	0.0	NaN

186	0	0.0	0.0	NaN
190	0	0.0	0.0	NaN
199	0	0.0	0.0	NaN
201	0	0.0	0.0	NaN
643	0	1.0	0.0	NaN
647	0	0.0	0.0	NaN
648	0	0.0	0.0	NaN
649	0	0.0	0.0	NaN
651	0	0.0	0.0	NaN
986	0	0.0	0.0	NaN
987	0	0.0	0.0	NaN
989	1	1.0	0.0	NaN
990	0	0.0	0.0	NaN
993	1	1.0	0.0	NaN
994	0	0.0	0.0	NaN
995	0	0.0	0.0	NaN
996	0	0.0	0.0	NaN
997	0	0.0	0.0	NaN
998	0	0.0	0.0	NaN
1001	0	0.0	1.0	NaN

	Won Eviction Free Pass	Won Ticket to Finale \
185	NaN	NaN
186	NaN	NaN
190	NaN	NaN
199	1.0	NaN
201	NaN	NaN
643	NaN	NaN
647	NaN	NaN
648	NaN	NaN
649	NaN	NaN
651	NaN	NaN
986	NaN	NaN
987	NaN	NaN
989	NaN	1.0
990	NaN	NaN
993	NaN	NaN
994	NaN	NaN
995	1.0	NaN
996	NaN	NaN
997	NaN	NaN
998	NaN	NaN
1001	NaN	NaN

	Number of Times Best Performer	Number of Times Worst Performer \
185	1.0	NaN
186	1.0	1.0

190	1.0	NaN
199	1.0	NaN
201	1.0	NaN
643	1.0	NaN
647	2.0	NaN
648	1.0	1.0
649	2.0	2.0
651	1.0	1.0
986	3.0	NaN
987	4.0	NaN
989	2.0	NaN
990	4.0	NaN
993	5.0	NaN
994	4.0	NaN
995	4.0	NaN
996	1.0	NaN
997	1.0	NaN
998	2.0	NaN
1001	3.0	NaN

	Secret Task	Social Media Popularity	Finalist	Winner \
185	NaN	<NA>	0	0.0
186	NaN	<NA>	0	0.0
190	NaN	<NA>	0	0.0
199	NaN	8	1	1.0
201	Success	6	1	0.0
643	NaN	7	1	0.0
647	NaN	<NA>	0	0.0
648	NaN	<NA>	0	0.0
649	NaN	6	1	0.0
651	Success	<NA>	0	0.0
986	NaN	<NA>	0	0.0
987	NaN	<NA>	1	0.0
989	NaN	7	1	0.0
990	NaN	<NA>	1	0.0
993	NaN	9	1	1.0
994	NaN	<NA>	1	0.0
995	NaN	6	1	0.0
996	NaN	<NA>	1	0.0
997	NaN	8	1	0.0
998	NaN	<NA>	0	0.0
1001	NaN	<NA>	0	0.0

	Season Length in weeks	Evictions Faced Percentage
185	15	33
186	15	13
190	15	20

199	15	67
201	15	40
643	12	83
647	12	50
648	12	42
649	12	92
651	12	58
986	14	29
987	14	50
989	14	50
990	14	43
993	14	36
994	14	21
995	14	36
996	14	64
997	14	86
998	14	36
1001	14	50

[49]:
```python
# Housemates who received Worst Performer
print(bigg_boss.loc[bigg_boss['Number of Times Worst Performer']>=1]['Name'].
  ↪count())
bigg_boss.loc[bigg_boss['Number of Times Worst Performer']>=1]
```

46

[49]:
	Language	Season Number	Name	Profession \
153	Hindi	9	Mandana Karimi	International Star
155	Hindi	9	Rimi Sen	Actress
161	Hindi	9	Rishabh Sinha	Reality Show Alumni
177	Hindi	10	Nitibha Kaul	Commoner
181	Hindi	10	Swami Om	Swamiji
186	Hindi	11	Arshi Khan	Actress
187	Hindi	11	Bandgi Kalra	Commoner
196	Hindi	11	Puneesh Sharma	Reality Show Alumni
234	Hindi	13	Shehnaaz Gill	Singer
236	Hindi	13	Sidharth Shukla	Soap Actor
623	Telugu	5	Jaswanth Padala	Model
624	Telugu	5	Kajal	Radio Jockey
627	Telugu	5	Maanas	Soap Actor
636	Telugu	5	Sunny	Video Jockey
637	Telugu	5	Swetaa Varma	Actress
639	Telugu	5	Vishwa	Actor
644	Telugu	Non-Stop	Ashu Reddy	Social Media Star
645	Telugu	Non-Stop	Bindu Madhavi	Actress
648	Telugu	Non-Stop	Mahesh Vitta	Comedian
649	Telugu	Non-Stop	Mitraaw Sharma	Actress

```
651       Telugu         Non-Stop               Nataraj           Choreographer
653       Telugu         Non-Stop                 Shiva        Social Media Star
660       Telugu                6          Arjun Kalyan                   Actor
662       Telugu                6           Bala Aditya                   Actor
665       Telugu                6           Geetu Royal        Social Media Star
666       Telugu                6        Inaya Sulthana                 Actress
675       Telugu                6             Sri Satya            Soap Actress
678       Telugu                6      Vasanthi Krishnan                 Actress
692       Telugu                7            Tasty Teja                Comedian
811        Tamil                6      Janany Kunaseelan          News Presenter
815        Tamil                6        Mohammed Azeem              Soap Actor
818        Tamil                6    Rachitha Mahalakshmi            Soap Actress
823        Tamil                6         Shivin Ganesan                Commoner
824        Tamil                6  Vikraman Radhakrishnan                   Actor
825        Tamil                6          Myna Nandhini                 Actress
1025   Malayalam                5            Akhil Marar           Film Director
1026   Malayalam                5        Angeline Mariyaâ                 Actress
1030   Malayalam                5           Gopika Gopi                Commoner
1031   Malayalam                5             Junaiz VP        Social Media Star
1033   Malayalam                5          Nadira Mehrin              Journalist
1034   Malayalam                5       Reneesha Rahiman            Soap Actress
1035   Malayalam                5          Rinosh George                  Singer
1038   Malayalam                5        Sobha Viswanath            Entrepreneur
1039   Malayalam                5        Sreedevi Menon        Social Media Star
1041   Malayalam                5           Vishnu Joshi         Fitness Trainer
1043   Malayalam                5              Omar Lulu           Film Director


          Gender     Age Entry Date Elimination Date  \
153       Female     NaN 2015-10-11       2016-01-23
155       Female     NaN 2015-10-11              NaT
161         Male     NaN        NaT       2016-01-23
177       Female     NaN 2016-10-16              NaT
181         Male     NaN 2016-10-16              NaT
186       Female     NaN 2017-10-01              NaT
187       Female     NaN 2017-10-01       2017-12-03
196         Male     NaN 2017-10-01              NaT
234       Female     NaN 2019-09-29              NaT
236         Male  Middle 2019-09-29              NaT
623         Male     NaN 2021-09-05       2021-11-14
624       Female  Middle 2021-09-05       2021-12-12
627         Male     NaN 2021-09-05       2021-12-19
636         Male  Middle 2021-09-05              NaT
637       Female     NaN 2021-09-05       2021-10-17
639         Male  Middle 2021-09-05       2021-11-07
644       Female  Middle 2022-02-26              NaT
645       Female  Middle 2022-02-26              NaT
648         Male  Middle 2022-02-26              NaT
```

```
649       Female      NaN 2022-02-26         NaT
651         Male   Middle 2022-02-26         NaT
653         Male   Middle 2022-02-26         NaT
660         Male   Middle 2022-09-04  2022-10-23
662         Male   Middle 2022-09-04  2022-11-12
665       Female   Middle 2022-09-04  2022-11-06
666       Female      NaN 2022-09-04  2022-12-11
675       Female      NaN 2022-09-04  2022-12-16
678       Female      NaN 2022-09-04  2022-11-12
692         Male    Young 2023-09-03         NaT
811       Female      NaN 2022-10-09         NaT
815         Male   Middle 2022-10-09         NaT
818       Female      NaN 2022-10-09         NaT
823  Transgender      NaN 2022-10-09         NaT
824         Male      NaN 2022-10-09         NaT
825       Female      NaN        NaT         NaT
1025        Male   Middle 2023-03-26         NaT
1026      Female      NaN 2023-03-26         NaT
1030      Female      NaN 2023-03-26         NaT
1031        Male      NaN 2023-03-26         NaT
1033 Transgender      NaN 2023-03-26         NaT
1034      Female      NaN 2023-03-26         NaT
1035        Male      NaN 2023-03-26         NaT
1038      Female      NaN 2023-03-26         NaT
1039      Female      NaN 2023-03-26         NaT
1041        Male      NaN 2023-03-26         NaT
1043        Male      NaN        NaT         NaT

     Elimination Week Number  Contestant Number Wild Card  Season Length  \
153                       15                9.0        No            105
155                        7                6.0        No            105
161                       15               15.0       Yes            105
177                       13                4.0        No            106
181                     <NA>                1.0        No            106
186                       12               13.0        No            106
187                        9               12.0        No            106
196                       15               15.0        No            106
234                       20                9.0        No            140
236                     <NA>                1.0        No            140
623                       10                8.0        No            105
624                       14               17.0        No            105
627                       15               16.0        No            105
636                     <NA>                2.0        No            105
637                        6               18.0        No            105
639                        9               14.0        No            105
644                       10                1.0        No             84
645                     <NA>               17.0        No             84
```

648	7	2.0	No	84
649	12	16.0	No	84
651	11	5.0	No	84
653	12	15.0	No	84
660	7	7.0	No	105
662	10	12.0	No	105
665	9	8.0	No	105
666	14	15.0	No	105
675	15	6.0	No	105
678	10	13.0	No	105
692	<NA>	9.0	No	105
811	10	11.0	No	105
815	<NA>	3.0	No	105
818	13	8.0	No	105
823	15	20.0	No	105
824	15	13.0	No	105
825	15	21.0	Yes	105
1025	<NA>	10.0	No	99
1026	3	7.0	No	99
1030	4	18.0	No	99
1031	14	9.0	No	99
1033	14	14.0	No	99
1034	14	1.0	No	99
1035	13	2.0	No	99
1038	14	4.0	No	99
1039	5	8.0	No	99
1041	12	6.0	No	99
1043	6	20.0	Yes	99

	Number of Housemates	Season Start Date	Season End Date	Host Name	\
153	20	2015-10-11	2016-01-23	Salman Khan
155	20	2015-10-11	2016-01-23	Salman Khan
161	20	2015-10-11	2016-01-23	Salman Khan
177	18	2016-10-16	2017-01-29	Salman Khan
181	18	2016-10-16	2017-01-29	Salman Khan
186	19	2017-10-01	2018-01-14	Salman Khan
187	19	2017-10-01	2018-01-14	Salman Khan
196	19	2017-10-01	2018-01-14	Salman Khan
234	21	2019-09-29	2020-02-15	Salman Khan
236	21	2019-09-29	2020-02-15	Salman Khan
623	19	2021-09-05	2021-12-19	Nagarjuna
624	19	2021-09-05	2021-12-19	Nagarjuna
627	19	2021-09-05	2021-12-19	Nagarjuna
636	19	2021-09-05	2021-12-19	Nagarjuna
637	19	2021-09-05	2021-12-19	Nagarjuna
639	19	2021-09-05	2021-12-19	Nagarjuna
644	18	2022-02-26	2022-05-21	Nagarjuna

645	18	2022-02-26	2022-05-21	Nagarjuna
648	18	2022-02-26	2022-05-21	Nagarjuna
649	18	2022-02-26	2022-05-21	Nagarjuna
651	18	2022-02-26	2022-05-21	Nagarjuna
653	18	2022-02-26	2022-05-21	Nagarjuna
660	21	2022-09-04	2022-12-18	Nagarjuna
662	21	2022-09-04	2022-12-18	Nagarjuna
665	21	2022-09-04	2022-12-18	Nagarjuna
666	21	2022-09-04	2022-12-18	Nagarjuna
675	21	2022-09-04	2022-12-18	Nagarjuna
678	21	2022-09-04	2022-12-18	Nagarjuna
692	19	2023-09-03	2023-12-17	Nagarjuna
811	21	2022-10-09	2023-01-22	Kamal Haasan
815	21	2022-10-09	2023-01-22	Kamal Haasan
818	21	2022-10-09	2023-01-22	Kamal Haasan
823	21	2022-10-09	2023-01-22	Kamal Haasan
824	21	2022-10-09	2023-01-22	Kamal Haasan
825	21	2022-10-09	2023-01-22	Kamal Haasan
1025	21	2023-03-26	2023-07-02	Mohanlal
1026	21	2023-03-26	2023-07-02	Mohanlal
1030	21	2023-03-26	2023-07-02	Mohanlal
1031	21	2023-03-26	2023-07-02	Mohanlal
1033	21	2023-03-26	2023-07-02	Mohanlal
1034	21	2023-03-26	2023-07-02	Mohanlal
1035	21	2023-03-26	2023-07-02	Mohanlal
1038	21	2023-03-26	2023-07-02	Mohanlal
1039	21	2023-03-26	2023-07-02	Mohanlal
1041	21	2023-03-26	2023-07-02	Mohanlal
1043	21	2023-03-26	2023-07-02	Mohanlal

	Guest Host Name	Prize Money (INR)	Broadcasted By	OTT Platform \
153	NaN	0.0	Colors	NaN
155	NaN	0.0	Colors	NaN
161	NaN	0.0	Colors	NaN
177	NaN	0.0	Colors	Voot
181	NaN	0.0	Colors	Voot
186	NaN	0.0	Colors	NaN
187	NaN	0.0	Colors	NaN
196	NaN	0.0	Colors	NaN
234	NaN	0.0	Colors	NaN
236	NaN	5000000.0	Colors	NaN
623	NaN	0.0	Star Maa	Disney+ Hotstar
624	NaN	0.0	Star Maa	Disney+ Hotstar
627	NaN	0.0	Star Maa	Disney+ Hotstar
636	NaN	5000000.0	Star Maa	Disney+ Hotstar
637	NaN	0.0	Star Maa	Disney+ Hotstar
639	NaN	0.0	Star Maa	Disney+ Hotstar

```
644          NaN          0.0          NaN  Disney+ Hotstar
645          NaN    4000000.0          NaN  Disney+ Hotstar
648          NaN          0.0          NaN  Disney+ Hotstar
649          NaN          0.0          NaN  Disney+ Hotstar
651          NaN          0.0          NaN  Disney+ Hotstar
653          NaN          0.0          NaN  Disney+ Hotstar
660          NaN          0.0     Star Maa  Disney+ Hotstar
662          NaN          0.0     Star Maa  Disney+ Hotstar
665          NaN          0.0     Star Maa  Disney+ Hotstar
666          NaN          0.0     Star Maa  Disney+ Hotstar
675          NaN          0.0     Star Maa  Disney+ Hotstar
678          NaN          0.0     Star Maa  Disney+ Hotstar
692          NaN          NaN     Star Maa  Disney+ Hotstar
811          NaN          0.0   Star Vijay  Disney+ Hotstar
815          NaN    5000000.0   Star Vijay  Disney+ Hotstar
818          NaN          0.0   Star Vijay  Disney+ Hotstar
823          NaN          0.0   Star Vijay  Disney+ Hotstar
824          NaN          0.0   Star Vijay  Disney+ Hotstar
825          NaN          0.0   Star Vijay  Disney+ Hotstar
1025         NaN    5000000.0      Asianet  Disney+ Hotstar
1026         NaN          0.0      Asianet  Disney+ Hotstar
1030         NaN          0.0      Asianet  Disney+ Hotstar
1031         NaN          0.0      Asianet  Disney+ Hotstar
1033         NaN          0.0      Asianet  Disney+ Hotstar
1034         NaN          0.0      Asianet  Disney+ Hotstar
1035         NaN          0.0      Asianet  Disney+ Hotstar
1038         NaN          0.0      Asianet  Disney+ Hotstar
1039         NaN          0.0      Asianet  Disney+ Hotstar
1041         NaN          0.0      Asianet  Disney+ Hotstar
1043         NaN          0.0      Asianet  Disney+ Hotstar

     Average TRP                         Most Viewed States  \
153         2.90  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
155         2.90  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
161         2.90  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
177         3.54  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
181         3.54  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
186         7.64  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
187         7.64  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
196         7.64  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
234         9.06  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
236         9.06  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
623        18.20                    Telangana, Andhra Pradesh
624        18.20                    Telangana, Andhra Pradesh
627        18.20                    Telangana, Andhra Pradesh
636        18.20                    Telangana, Andhra Pradesh
637        18.20                    Telangana, Andhra Pradesh
```

```
639          18.20                    Telangana, Andhra Pradesh
644            NaN                    Telangana, Andhra Pradesh
645            NaN                    Telangana, Andhra Pradesh
648            NaN                    Telangana, Andhra Pradesh
649            NaN                    Telangana, Andhra Pradesh
651            NaN                    Telangana, Andhra Pradesh
653            NaN                    Telangana, Andhra Pradesh
660           8.40                    Telangana, Andhra Pradesh
662           8.40                    Telangana, Andhra Pradesh
665           8.40                    Telangana, Andhra Pradesh
666           8.40                    Telangana, Andhra Pradesh
675           8.40                    Telangana, Andhra Pradesh
678           8.40                    Telangana, Andhra Pradesh
692            NaN                    Telangana, Andhra Pradesh
811          15.30                                   Tamil Nadu
815          15.30                                   Tamil Nadu
818          15.30                                   Tamil Nadu
823          15.30                                   Tamil Nadu
824          15.30                                   Tamil Nadu
825          15.30                                   Tamil Nadu
1025           NaN                                       Kerala
1026           NaN                                       Kerala
1030           NaN                                       Kerala
1031           NaN                                       Kerala
1033           NaN                                       Kerala
1034           NaN                                       Kerala
1035           NaN                                       Kerala
1038           NaN                                       Kerala
1039           NaN                                       Kerala
1041           NaN                                       Kerala
1043           NaN                                       Kerala

    House Location OTT Season  \
153        Lonavala        No
155        Lonavala        No
161        Lonavala        No
177        Lonavala        No
181        Lonavala        No
186        Lonavala        No
187        Lonavala        No
196        Lonavala        No
234          Mumbai        No
236          Mumbai        No
623       Hyderabad        No
624       Hyderabad        No
627       Hyderabad        No
636       Hyderabad        No
```

```
637     Hyderabad      No
639     Hyderabad      No
644     Hyderabad      Yes
645     Hyderabad      Yes
648     Hyderabad      Yes
649     Hyderabad      Yes
651     Hyderabad      Yes
653     Hyderabad      Yes
660     Hyderabad      No
662     Hyderabad      No
665     Hyderabad      No
666     Hyderabad      No
675     Hyderabad      No
678     Hyderabad      No
692     Hyderabad      No
811       Chennai      No
815       Chennai      No
818       Chennai      No
823       Chennai      No
824       Chennai      No
825       Chennai      No
1025       Mumbai      No
1026       Mumbai      No
1030       Mumbai      No
1031       Mumbai      No
1033       Mumbai      No
1034       Mumbai      No
1035       Mumbai      No
1038       Mumbai      No
1039       Mumbai      No
1041       Mumbai      No
1043       Mumbai      No


                               Season Slogan       Season Theme  \
153                                      NaN                NaN
155                                      NaN                NaN
161                                      NaN                NaN
177              India consider it your home         NaN
181              India consider it your home         NaN
186              Neighbors will ring twelve       Padosi
187              Neighbors will ring twelve       Padosi
196              Neighbors will ring twelve       Padosi
234                          Bigg Boss Tedha  Bigg Boss Museum
236                          Bigg Boss Tedha  Bigg Boss Museum
623                                      NaN                NaN
624                                      NaN                NaN
627                                      NaN                NaN
```

636		NaN	NaN
637		NaN	NaN
639		NaN	NaN
644		NaN	NaN
645		NaN	NaN
648		NaN	NaN
649		NaN	NaN
651		NaN	NaN
653		NaN	NaN
660		NaN	NaN
662		NaN	NaN
665		NaN	NaN
666		NaN	NaN
675		NaN	NaN
678		NaN	NaN
692		Ulta Pulta	NaN
811	There can be only one king in a forest. Are yo…	Luxury Mansion
815	There can be only one king in a forest. Are yo…	Luxury Mansion
818	There can be only one king in a forest. Are yo…	Luxury Mansion
823	There can be only one king in a forest. Are yo…	Luxury Mansion
824	There can be only one king in a forest. Are yo…	Luxury Mansion
825	There can be only one king in a forest. Are yo…	Luxury Mansion
1025	Battle of the Originals - The Fire Explodes!	NaN
1026	Battle of the Originals - The Fire Explodes!	NaN
1030	Battle of the Originals - The Fire Explodes!	NaN
1031	Battle of the Originals - The Fire Explodes!	NaN
1033	Battle of the Originals - The Fire Explodes!	NaN
1034	Battle of the Originals - The Fire Explodes!	NaN
1035	Battle of the Originals - The Fire Explodes!	NaN
1038	Battle of the Originals - The Fire Explodes!	NaN
1039	Battle of the Originals - The Fire Explodes!	NaN
1041	Battle of the Originals - The Fire Explodes!	NaN
1043	Battle of the Originals - The Fire Explodes!	NaN

	Number of Evictions Faced	Number of Times Elected as Captain \
153	12	0
155	8	0
161	9	1
177	7	0
181	2	0
186	2	1
187	2	1
196	5	1
234	11	1
236	12	2
623	5	1
624	10	0

627	9	1
636	9	1
637	1	0
639	3	2
644	5	1
645	9	0
648	5	0
649	11	0
651	7	1
653	10	1
660	4	0
662	7	1
665	6	0
666	11	1
675	11	1
678	6	0
692	6	\<NA>
811	6	0
815	13	1
818	6	0
823	6	0
824	10	0
825	6	3
1025	9	2
1026	2	0
1030	3	0
1031	10	1
1033	5	1
1034	10	1
1035	6	0
1038	5	2
1039	1	0
1041	6	1
1043	1	0

	Number of Re-entries	Walked	Ejected	In Secret-Room \
153	0	0.0	0.0	1.0
155	0	0.0	0.0	NaN
161	0	0.0	0.0	NaN
177	0	0.0	0.0	NaN
181	1	1.0	1.0	1.0
186	0	0.0	0.0	NaN
187	0	0.0	0.0	NaN
196	0	0.0	0.0	NaN
234	0	0.0	0.0	NaN
236	1	1.0	0.0	1.0
623	0	1.0	0.0	NaN

624	0	0.0	0.0	NaN
627	0	0.0	0.0	NaN
636	0	0.0	0.0	NaN
637	0	0.0	0.0	NaN
639	0	0.0	0.0	NaN
644	0	0.0	0.0	NaN
645	0	0.0	0.0	NaN
648	0	0.0	0.0	NaN
649	0	0.0	0.0	NaN
651	0	0.0	0.0	NaN
653	0	0.0	0.0	NaN
660	0	0.0	0.0	NaN
662	0	0.0	0.0	NaN
665	0	0.0	0.0	NaN
666	0	0.0	0.0	NaN
675	0	0.0	0.0	NaN
678	0	0.0	0.0	NaN
692	<NA>	NaN	NaN	NaN
811	0	0.0	0.0	NaN
815	0	0.0	0.0	NaN
818	0	0.0	0.0	NaN
823	0	0.0	0.0	NaN
824	0	0.0	0.0	NaN
825	0	0.0	0.0	NaN
1025	0	0.0	0.0	NaN
1026	0	0.0	0.0	NaN
1030	0	0.0	0.0	NaN
1031	0	0.0	0.0	NaN
1033	0	1.0	0.0	NaN
1034	0	0.0	0.0	NaN
1035	0	1.0	0.0	NaN
1038	0	0.0	0.0	NaN
1039	0	0.0	0.0	NaN
1041	0	0.0	0.0	NaN
1043	0	0.0	0.0	NaN

	Won Eviction Free Pass	Won Ticket to Finale \
153	NaN	NaN
155	NaN	NaN
161	NaN	NaN
177	NaN	NaN
181	NaN	NaN
186	NaN	NaN
187	NaN	NaN
196	NaN	1.0
234	1.0	NaN
236	NaN	NaN

623	NaN	NaN
624	NaN	NaN
627	NaN	NaN
636	NaN	1.0
637	NaN	NaN
639	NaN	NaN
644	NaN	NaN
645	NaN	NaN
648	NaN	NaN
649	NaN	NaN
651	NaN	NaN
653	NaN	NaN
660	NaN	NaN
662	NaN	NaN
665	NaN	NaN
666	NaN	NaN
675	NaN	NaN
678	NaN	NaN
692	NaN	NaN
811	NaN	NaN
815	NaN	NaN
818	NaN	NaN
823	NaN	NaN
824	NaN	NaN
825	NaN	NaN
1025	NaN	NaN
1026	NaN	NaN
1030	NaN	NaN
1031	NaN	NaN
1033	NaN	1.0
1034	NaN	NaN
1035	NaN	NaN
1038	NaN	NaN
1039	NaN	NaN
1041	NaN	NaN
1043	NaN	NaN

	Number of Times Best Performer	Number of Times Worst Performer \
153	NaN	1.0
155	NaN	1.0
161	NaN	1.0
177	NaN	1.0
181	NaN	1.0
186	1.0	1.0
187	NaN	1.0
196	NaN	1.0
234	NaN	1.0

236	NaN	1.0
623	NaN	2.0
624	NaN	2.0
627	NaN	1.0
636	NaN	2.0
637	NaN	1.0
639	NaN	1.0
644	NaN	1.0
645	NaN	1.0
648	1.0	1.0
649	2.0	2.0
651	1.0	1.0
653	NaN	1.0
660	NaN	1.0
662	NaN	1.0
665	NaN	1.0
666	NaN	1.0
675	NaN	1.0
678	NaN	1.0
692	NaN	1.0
811	NaN	1.0
815	NaN	1.0
818	NaN	1.0
823	NaN	1.0
824	NaN	1.0
825	NaN	1.0
1025	NaN	1.0
1026	NaN	2.0
1030	NaN	1.0
1031	NaN	1.0
1033	NaN	2.0
1034	NaN	1.0
1035	NaN	1.0
1038	NaN	2.0
1039	NaN	1.0
1041	NaN	3.0
1043	NaN	2.0

	Secret Task	Social Media Popularity	Finalist	Winner	\
153	NaN	<NA>	1	0.0	
155	NaN	<NA>	0	0.0	
161	NaN	<NA>	1	0.0	
177	NaN	<NA>	0	0.0	
181	NaN	<NA>	0	0.0	
186	NaN	<NA>	0	0.0	
187	NaN	<NA>	0	0.0	
196	NaN	6	1	0.0	

234	NaN	8	1	0.0
236	NaN	10	1	1.0
623	NaN	<NA>	0	0.0
624	NaN	7	0	0.0
627	NaN	8	1	0.0
636	NaN	10	1	1.0
637	NaN	<NA>	0	0.0
639	NaN	<NA>	0	0.0
644	NaN	<NA>	0	0.0
645	NaN	10	1	1.0
648	NaN	<NA>	0	0.0
649	NaN	6	1	0.0
651	Success	<NA>	0	0.0
653	NaN	8	1	0.0
660	NaN	<NA>	0	0.0
662	NaN	<NA>	0	0.0
665	NaN	<NA>	0	0.0
666	NaN	<NA>	0	0.0
675	NaN	7	1	0.0
678	NaN	<NA>	0	0.0
692	NaN	<NA>	<NA>	NaN
811	NaN	<NA>	0	0.0
815	NaN	9	1	1.0
818	NaN	<NA>	0	0.0
823	NaN	7	1	0.0
824	NaN	9	1	0.0
825	NaN	8	1	0.0
1025	NaN	<NA>	1	1.0
1026	NaN	<NA>	0	0.0
1030	NaN	<NA>	0	0.0
1031	NaN	<NA>	1	0.0
1033	NaN	<NA>	1	0.0
1034	NaN	<NA>	1	0.0
1035	NaN	<NA>	0	0.0
1038	NaN	<NA>	1	0.0
1039	NaN	<NA>	0	0.0
1041	NaN	<NA>	0	0.0
1043	NaN	<NA>	0	0.0

	Season Length in weeks	Evictions Faced Percentage
153	15	80
155	15	53
161	15	60
177	15	47
181	15	13
186	15	13
187	15	13

```
196                    15                    33
234                    20                    55
236                    20                    60
623                    15                    33
624                    15                    67
627                    15                    60
636                    15                    60
637                    15                     7
639                    15                    20
644                    12                    42
645                    12                    75
648                    12                    42
649                    12                    92
651                    12                    58
653                    12                    83
660                    15                    27
662                    15                    47
665                    15                    40
666                    15                    73
675                    15                    73
678                    15                    40
692                    15                    40
811                    15                    40
815                    15                    87
818                    15                    40
823                    15                    40
824                    15                    67
825                    15                    40
1025                   14                    64
1026                   14                    14
1030                   14                    21
1031                   14                    71
1033                   14                    36
1034                   14                    71
1035                   14                    43
1038                   14                    36
1039                   14                     7
1041                   14                    43
1043                   14                     7
```

[50]:
```python
# Housemates who performed Secret Task successfully
print(bigg_boss.loc[bigg_boss['Secret Task']=='Success']['Name'].count())
bigg_boss.loc[bigg_boss['Secret Task']=='Success']

# Data Incomplete
```

7

```
[50]:       Language Season Number                         Name       Profession  Gender  \
       201    Hindi          11              Vikas Gupta         Producer    Male
       205    Hindi          12            Deepak Thakur           Singer    Male
       216    Hindi          12  Shanthakumaran Sreesanth  Sports Person    Male
       221    Hindi          12              Surbhi Rana        Commoner  Female
       231    Hindi          13            Paras Chhabra      Soap Actor    Male
       573   Telugu           2            Geetha Madhuri          Singer  Female
       651   Telugu    Non-Stop                  Nataraj   Choreographer    Male

             Age Entry Date Elimination Date  Elimination Week Number  \
       201    NaN 2017-10-01              NaT                       15
       205    NaN 2018-09-16       2018-12-30                       15
       216    NaN 2018-09-16       2018-12-30                       15
       221    NaN        NaT       2018-12-30                       15
       231    NaN 2019-09-29              NaT                       20
       573 Middle 2018-06-10       2018-09-30                       16
       651 Middle 2022-02-26              NaT                       11

             Contestant Number Wild Card  Season Length  Number of Housemates  \
       201              16.0        No            106                    19
       205              13.0        No            105                    20
       216              17.0        No            105                    20
       221              18.0       Yes            105                    20
       231               3.0        No            140                    21
       573               1.0        No            112                    18
       651               5.0        No             84                    18

             Season Start Date Season End Date    Host Name Guest Host Name  \
       201         2017-10-01      2018-01-14  Salman Khan             NaN
       205         2018-09-16      2018-12-30  Salman Khan             NaN
       216         2018-09-16      2018-12-30  Salman Khan             NaN
       221         2018-09-16      2018-12-30  Salman Khan             NaN
       231         2019-09-29      2020-02-15  Salman Khan             NaN
       573         2018-06-10      2018-09-30         Nani             NaN
       651         2022-02-26      2022-05-21     Nagarjuna             NaN

             Prize Money (INR) Broadcasted By      OTT Platform  Average TRP  \
       201               0.0          Colors             NaN         7.64
       205         2000000.0          Colors             NaN         4.99
       216               0.0          Colors             NaN         4.99
       221               0.0          Colors             NaN         4.99
       231               0.0          Colors             NaN         9.06
       573               0.0        Star Maa             NaN        15.00
       651               0.0             NaN  Disney+ Hotstar          NaN

                                  Most Viewed States House Location  \
       201  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…       Lonavala
```

```
205  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Lonavala
216  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Lonavala
221  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Lonavala
231  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…           Mumbai
573                          Telangana, Andhra Pradesh       Hyderabad
651                          Telangana, Andhra Pradesh       Hyderabad


    OTT Season              Season Slogan        Season Theme   \
201         No  Neighbors will ring twelve             Padosi
205         No             Strange pairing        Beach House
216         No             Strange pairing        Beach House
221         No             Strange pairing        Beach House
231         No             Bigg Boss Tedha  Bigg Boss Museum
573         No                         NaN               NaN
651        Yes                         NaN               NaN


    Number of Evictions Faced  Number of Times Elected as Captain   \
201                         6                                    2
205                         7                                    1
216                         7                                    1
221                         4                                    5
231                        12                                    0
573                         7                                    2
651                         7                                    1


    Number of Re-entries  Walked  Ejected  In Secret-Room  \
201                    0     0.0      0.0             NaN
205                    0     0.0      0.0             NaN
216                    1     0.0      0.0             1.0
221                    1     0.0      0.0             NaN
231                    1     1.0      0.0             1.0
573                    0     0.0      0.0             NaN
651                    0     0.0      0.0             NaN


    Won Eviction Free Pass  Won Ticket to Finale  \
201                    NaN                   NaN
205                    NaN                   NaN
216                    NaN                   NaN
221                    NaN                   1.0
231                    NaN                   NaN
573                    NaN                   NaN
651                    NaN                   NaN


    Number of Times Best Performer  Number of Times Worst Performer  \
201                            1.0                              NaN
205                            NaN                              NaN
216                            NaN                              NaN
```

```
221                    NaN                         NaN
231                    NaN                         NaN
573                    NaN                         NaN
651                    1.0                         1.0


     Secret Task  Social Media Popularity  Finalist  Winner  \
201    Success                          6         1     0.0
205    Success                          6         1     0.0
216    Success                          7         1     0.0
221    Success                       <NA>         0     0.0
231    Success                          6         1     0.0
573    Success                          8         1     0.0
651    Success                       <NA>         0     0.0


     Season Length in weeks  Evictions Faced Percentage
201                      15                          40
205                      15                          47
216                      15                          47
221                      15                          27
231                      20                          60
573                      16                          44
651                      12                          58
```

[51]: ```python
# Housemates who failed to complete Secret Task
print(bigg_boss.loc[bigg_boss['Secret Task']=='Fail']['Name'].count())
bigg_boss.loc[bigg_boss['Secret Task']=='Fail']

Data Incomplete
```

```
2
```

[51]: ```
     Language Season Number   Name Profession Gender   Age \
173   Hindi   10   Lopamudra Raut   Model Female   NaN
663   Telugu   6   Chalaki Chanti   Comedian   Male Middle

     Entry Date Elimination Date Elimination Week Number Contestant Number \
173 2016-10-16   2017-01-28   15   2.0
663 2022-09-04   2022-10-09   5   5.0

     Wild Card Season Length Number of Housemates Season Start Date \
173   No   106   18   2016-10-16
663   No   105   21   2022-09-04

     Season End Date   Host Name Guest Host Name Prize Money (INR) \
173   2017-01-29 Salman Khan   NaN   0.0
663   2022-12-18   Nagarjuna   NaN   0.0
```

```
        Broadcasted By    OTT Platform  Average TRP  \
173             Colors            Voot         3.54
663           Star Maa  Disney+ Hotstar         8.40

                                Most Viewed States House Location  \
173  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
663                      Telangana, Andhra Pradesh       Hyderabad

     OTT Season            Season Slogan Season Theme  \
173          No  India consider it your home          NaN
663          No                          NaN          NaN

     Number of Evictions Faced  Number of Times Elected as Captain  \
173                          6                                   2
663                          3                                   0

     Number of Re-entries  Walked  Ejected  In Secret-Room  \
173                     0     0.0      0.0             NaN
663                     0     0.0      0.0             NaN

     Won Eviction Free Pass  Won Ticket to Finale  \
173                     NaN                   NaN
663                     NaN                   NaN

     Number of Times Best Performer  Number of Times Worst Performer  \
173                             NaN                              NaN
663                             NaN                              NaN

     Secret Task  Social Media Popularity  Finalist  Winner  \
173         Fail                        6         1     0.0
663         Fail                     <NA>         0     0.0

     Season Length in weeks  Evictions Faced Percentage
173                      15                          40
663                      15                          20
```

0.9 About Winners only

```python
[52]: print("Total Bigg Boss season winners", bigg_boss['Winner'].sum().astype(int),
      "(out of", bigg_boss['Finalist'].sum(), "finalists)")
      # For Bigg Boss Hindi season 8 & Malayalam season 2 winners were not declared
```

Total Bigg Boss season winners 52 (out of 268 finalists)

```python
[53]: # All BB Winners
      bigg_boss.loc[bigg_boss.Winner==1]
```

```
[53]:        Language Season Number              Name            Profession  Gender  \
     8       Hindi               1        Rahul Roy                  Actor    Male
     16      Hindi               2  Ashutosh Kaushik  Reality Show Alumni    Male
     42      Hindi               3  Vindu Dara Singh                Actor    Male
     57      Hindi               4    Shweta Tiwari          Soap Actress  Female
     62      Hindi               5       Juhi Parmar          Soap Actress  Female
     92      Hindi               6  Urvashi Dholakia          Soap Actress  Female
     102     Hindi               7       Gauhar Khan               Actress  Female
     140     Hindi       Halla Bol     Gautam Gulati            Soap Actor    Male
     154     Hindi               9     Prince Narula  Reality Show Alumni    Male
     175     Hindi              10    Manveer Gurjar              Commoner    Male
     199     Hindi              11     Shilpa Shinde          Soap Actress  Female
     206     Hindi              12      Dipika Kakar          Soap Actress  Female
     236     Hindi              13   Sidharth Shukla            Soap Actor    Male
     253     Hindi              14     Rubina Dilaik          Soap Actress  Female
     268     Hindi          OTT S1     Divya Agarwal               Actress  Female
     292     Hindi              15  Tejasswi Prakash          Soap Actress  Female
     310     Hindi              16           MC Stan                Singer    Male
     334     Hindi          OTT S2      Elvish Yadav    Social Media Star    Male
     364   Kannada               1  Vijay Raghavendra               Actor    Male
     369   Kannada               2       Akul Balaji             TV Anchor    Male
     396   Kannada               3            Shruti               Actress  Female
     410   Kannada               4           Pratham        Film Director    Male
     421   Kannada               5    Chandan Shetty                Singer    Male
     454   Kannada               6      Shashi Kumar              Commoner    Male
     474   Kannada               7       Shine Shetty                Actor    Male
     485   Kannada               8     Manju Pavagada              Comedian    Male
     509   Kannada             OTT    Roopesh Shetty          Radio Jockey    Male
     529   Kannada               9    Roopesh Shetty          Radio Jockey    Male
     564    Telugu               1        Siva Balaji               Actor    Male
     574    Telugu               2     Kaushal Manda               Actor    Male
     593    Telugu               3   Rahul Sipligunj                Singer    Male
     602    Telugu               4    Abijeet Duddala               Actor    Male
     636    Telugu               5             Sunny         Video Jockey    Male
     645    Telugu         Non-Stop    Bindu Madhavi               Actress  Female
     671    Telugu               6           Revanth                Singer    Male
     699     Tamil               1       Arav Nafeez                 Model    Male
     727     Tamil               2         Riythvika               Actress  Female
     741     Tamil               3         Mugen Rao                Singer    Male
     752     Tamil               4       Aari Arjunan                Actor    Male
     783     Tamil               5     Raju Jeyamohan                Actor    Male
     792     Tamil         Ultimate  Balaji Murugadoss      Pageant Winner    Male
     815     Tamil               6   Mohammed Azeem            Soap Actor    Male
     849   Marathi               1        Megha Dhade               Actress  Female
     871   Marathi               2        Shiv Thakre  Reality Show Alumni    Male
     893   Marathi               3      Vishal Nikam            Soap Actor    Male
     896   Marathi               4      Akshay Kelkar            Soap Actor    Male
```

916	Bengali	1	Aneek Dhar	Singer	Male
933	Bengali	2	Joyjit Banerjee	Soap Actor	Male
958	Malayalam	1	Sabumon Abdusamad	TV Anchor	Male
993	Malayalam	3	Manikuttan	Actor	Male
1009	Malayalam	4	Dilsha Prasannan	Soap Actress	Female
1025	Malayalam	5	Akhil Marar	Film Director	Male

	Age	Entry Date	Elimination Date	Elimination Week Number \
8	Middle	2006-11-03	NaT	<NA>
16	Middle	2008-08-17	NaT	<NA>
42	Middle	2009-10-04	NaT	<NA>
57	Middle	2010-10-03	NaT	<NA>
62	Middle	2011-10-02	NaT	<NA>
92	Middle	2012-10-07	NaT	<NA>
102	Middle	2013-09-15	NaT	<NA>
140	Middle	2015-01-04	NaT	<NA>
154	Young	2015-10-11	NaT	<NA>
175	Young	2016-10-16	NaT	<NA>
199	Middle	2017-10-01	NaT	<NA>
206	Middle	2018-09-16	NaT	<NA>
236	Middle	2019-09-29	NaT	<NA>
253	Middle	2020-10-03	NaT	<NA>
268	Middle	2021-08-08	NaT	<NA>
292	Young	2021-10-02	NaT	<NA>
310	Young	2022-10-01	NaT	<NA>
334	Young	NaT	NaT	<NA>
364	Middle	2013-03-24	NaT	<NA>
369	Middle	2014-06-29	NaT	<NA>
396	Middle	2015-10-25	NaT	<NA>
410	Young	2016-10-09	NaT	<NA>
421	Young	2017-10-15	NaT	<NA>
454	Young	2018-10-21	NaT	<NA>
474	Young	2019-10-13	NaT	<NA>
485	Middle	2021-02-28	NaT	<NA>
509	Middle	2022-08-06	NaT	<NA>
529	Middle	2022-09-24	NaT	<NA>
564	Middle	2017-07-16	NaT	<NA>
574	Middle	2018-06-10	NaT	<NA>
593	Middle	2019-07-21	NaT	<NA>
602	Middle	2020-09-06	NaT	<NA>
636	Middle	2021-09-05	NaT	<NA>
645	Middle	2022-02-26	NaT	<NA>
671	Middle	2022-09-04	NaT	<NA>
699	Young	2017-06-25	NaT	<NA>
727	Young	2018-06-17	NaT	<NA>
741	Young	2019-06-23	NaT	<NA>
752	Middle	2020-10-04	NaT	<NA>

783	Middle	2021-10-03	NaT	<NA>
792	Young	2022-01-30	NaT	<NA>
815	Middle	2022-10-09	NaT	<NA>
849	Middle	2018-04-15	NaT	<NA>
871	Young	2019-05-26	NaT	<NA>
893	Young	2021-09-19	NaT	<NA>
896	Young	2022-10-02	NaT	<NA>
916	Young	2013-06-17	NaT	<NA>
933	Old	2016-04-04	NaT	<NA>
958	Middle	2018-06-24	NaT	<NA>
993	Middle	2021-02-14	NaT	<NA>
1009	Middle	2022-03-27	NaT	<NA>
1025	Middle	2023-03-26	NaT	<NA>

	Contestant Number	Wild Card	Season Length	Number of Housemates \
8	1.0	No	86	15
16	10.0	No	98	15
42	7.0	No	84	15
57	NaN	No	97	16
62	14.0	No	98	18
92	5.0	No	97	19
102	4.0	No	105	20
140	2.0	No	28	10
154	12.0	No	105	20
175	3.0	No	106	18
199	17.0	No	106	19
206	4.0	No	105	20
236	1.0	No	140	21
253	4.0	No	141	22
268	12.0	No	42	13
292	3.0	No	120	24
310	5.0	No	134	17
334	14.0	Yes	57	15
364	12.0	No	98	15
369	NaN	No	98	15
396	NaN	No	98	18
410	2.0	No	112	18
421	1.0	No	105	20
454	NaN	No	98	20
474	NaN	No	112	20
485	10.0	No	117	20
509	7.0	No	42	16
529	16.0	No	98	18
564	7.0	No	70	16
574	11.0	No	112	18
593	6.0	No	105	17
602	4.0	No	105	19

636	2.0	No	105	19
645	17.0	No	84	18
671	21.0	No	105	21
699	10.0	No	98	19
727	10.0	No	105	17
741	13.0	No	105	17
752	9.0	No	105	18
783	2.0	No	105	20
792	7.0	No	70	16
815	3.0	No	105	21
849	10.0	No	98	18
871	3.0	No	98	17
893	2.0	No	98	17
896	7.0	No	98	19
916	3.0	No	90	15
933	4.0	No	102	16
958	14.0	No	98	18
993	4.0	No	95	18
1009	16.0	No	98	20
1025	10.0	No	99	21

	Season Start Date	Season End Date	Host Name	\
8	2006-11-03	2007-01-26	Arshad Warsi	
16	2008-08-17	2008-11-22	Shilpa Shetty	
42	2009-10-04	2009-12-26	Amitabh Bachchan	
57	2010-10-03	2011-01-08	Salman Khan	
62	2011-10-02	2012-01-07	Salman Khan	
92	2012-10-07	2013-01-12	Salman Khan	
102	2013-09-15	2013-12-28	Salman Khan	
140	2015-01-04	2015-01-31	Farah Khan	
154	2015-10-11	2016-01-23	Salman Khan	
175	2016-10-16	2017-01-29	Salman Khan	
199	2017-10-01	2018-01-14	Salman Khan	
206	2018-09-16	2018-12-30	Salman Khan	
236	2019-09-29	2020-02-15	Salman Khan	
253	2020-10-03	2021-02-21	Salman Khan	
268	2021-08-08	2021-09-18	Karan Johar	
292	2021-10-02	2022-01-30	Salman Khan	
310	2022-10-01	2023-02-12	Salman Khan	
334	2023-06-17	2023-08-14	Salman Khan	
364	2013-03-24	2013-06-30	Sudeep	
369	2014-06-29	2014-10-05	Sudeep	
396	2015-10-25	2016-01-31	Sudeep	
410	2016-10-09	2017-01-29	Sudeep	
421	2017-10-15	2018-01-28	Sudeep	
454	2018-10-21	2019-01-27	Sudeep	
474	2019-10-13	2020-02-02	Sudeep	

485	2021-02-28	2021-08-08	Sudeep
509	2022-08-06	2022-09-16	Sudeep
529	2022-09-24	2022-12-31	Sudeep
564	2017-07-16	2017-09-24	Jr. NTR
574	2018-06-10	2018-09-30	Nani
593	2019-07-21	2019-11-03	Nagarjuna
602	2020-09-06	2020-12-20	Nagarjuna
636	2021-09-05	2021-12-19	Nagarjuna
645	2022-02-26	2022-05-21	Nagarjuna
671	2022-09-04	2022-12-18	Nagarjuna
699	2017-06-25	2017-09-30	Kamal Haasan
727	2018-06-17	2018-09-30	Kamal Haasan
741	2019-06-23	2019-10-06	Kamal Haasan
752	2020-10-04	2021-01-17	Kamal Haasan
783	2021-10-03	2022-01-16	Kamal Haasan
792	2022-01-30	2022-04-10	Kamal Haasan
815	2022-10-09	2023-01-22	Kamal Haasan
849	2018-04-15	2018-07-22	Mahesh Manjrekar
871	2019-05-26	2019-09-01	Mahesh Manjrekar
893	2021-09-19	2021-12-26	Mahesh Manjrekar
896	2022-10-02	2023-01-08	Mahesh Manjrekar
916	2013-06-17	2013-09-14	Mithun Chakraborthy
933	2016-04-04	2016-07-15	Jeet
958	2018-06-24	2018-09-30	Mohanlal
993	2021-02-14	2021-05-20	Mohanlal
1009	2022-03-27	2022-07-03	Mohanlal
1025	2023-03-26	2023-07-02	Mohanlal

	Guest Host Name	Prize Money (INR)	Broadcasted By	OTT Platform \
8	NaN	10000000.0	Sony	NaN
16	NaN	10000000.0	Colors	NaN
42	NaN	10000000.0	Colors	NaN
57	NaN	10000000.0	Colors	NaN
62	Sanjay Dutt	10000000.0	Colors	NaN
92	NaN	5000000.0	Colors	NaN
102	NaN	5000000.0	Colors	NaN
140	NaN	5000000.0	Colors	NaN
154	NaN	5000000.0	Colors	NaN
175	NaN	5000000.0	Colors	Voot
199	NaN	5000000.0	Colors	NaN
206	NaN	3000000.0	Colors	NaN
236	NaN	5000000.0	Colors	NaN
253	NaN	3600000.0	Colors	Voot
268	NaN	2500000.0	NaN	Voot
292	NaN	4000000.0	Colors	Voot
310	Karan Johar	3180000.0	Colors	Voot
334	NaN	2500000.0	NaN	JioCinema

364	NaN	5000000.0	ETV Kannada	NaN
369	NaN	5000000.0	Asianet Suvarna	NaN
396	NaN	5000000.0	Colors Kannada	NaN
410	NaN	5000000.0	Colors Kannada	NaN
421	NaN	5000000.0	Colors Super	Voot
454	NaN	5000000.0	Colors Super	Voot
474	NaN	5000000.0	Colors Kannada	Voot
485	NaN	5000000.0	Colors Kannada	Voot
509	NaN	500000.0	NaN	Voot
529	NaN	5000000.0	Colors Kannada	Voot
564	NaN	5000000.0	Star Maa	NaN
574	NaN	5000000.0	Star Maa	NaN
593	Ramya Krishnan	5000000.0	Star Maa	Disney+ Hotstar
602	Samantha	2500000.0	Star Maa	Disney+ Hotstar
636	NaN	5000000.0	Star Maa	Disney+ Hotstar
645	NaN	4000000.0	NaN	Disney+ Hotstar
671	NaN	1000000.0	Star Maa	Disney+ Hotstar
699	NaN	5000000.0	Star Vijay	NaN
727	NaN	5000000.0	Star Vijay	Disney+ Hotstar
741	NaN	5000000.0	Star Vijay	Disney+ Hotstar
752	NaN	5000000.0	Star Vijay	Disney+ Hotstar
783	Ramya Krishnan	3800000.0	Star Vijay	Disney+ Hotstar
792	Simbu	3500000.0	NaN	Disney+ Hotstar
815	NaN	5000000.0	Star Vijay	Disney+ Hotstar
849	NaN	2500000.0	Colors Marathi	NaN
871	NaN	2500000.0	Colors Marathi	NaN
893	Siddhartha Jadhav	2000000.0	Colors Marathi	Voot
896	NaN	2500000.0	Colors Marathi	Voot
916	NaN	2000000.0	ETV Bangla	NaN
933	NaN	3500000.0	Colors Bangla	NaN
958	NaN	10000000.0	Asianet	Disney+ Hotstar
993	NaN	7500000.0	Asianet	Disney+ Hotstar
1009	NaN	5000000.0	Asianet	Disney+ Hotstar
1025	NaN	5000000.0	Asianet	Disney+ Hotstar

	Average TRP	Most Viewed States \
8	2.72	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
16	2.89	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
42	2.83	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
57	4.95	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
62	4.19	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
92	3.81	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
102	4.40	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
140	2.82	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
154	2.90	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
175	3.54	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
199	7.64	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…

206	4.99	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
236	9.06	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
253	NaN	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
268	NaN	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
292	NaN	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
310	NaN	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
334	NaN	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…
364	4.70	Karnataka
369	NaN	Karnataka
396	NaN	Karnataka
410	NaN	Karnataka
421	NaN	Karnataka
454	NaN	Karnataka
474	NaN	Karnataka
485	NaN	Karnataka
509	NaN	Karnataka
529	NaN	Karnataka
564	15.00	Telangana, Andhra Pradesh
574	15.00	Telangana, Andhra Pradesh
593	18.10	Telangana, Andhra Pradesh
602	20.10	Telangana, Andhra Pradesh
636	18.20	Telangana, Andhra Pradesh
645	NaN	Telangana, Andhra Pradesh
671	8.40	Telangana, Andhra Pradesh
699	7.80	Tamil Nadu
727	8.20	Tamil Nadu
741	8.80	Tamil Nadu
752	16.60	Tamil Nadu
783	17.90	Tamil Nadu
792	NaN	Tamil Nadu
815	15.30	Tamil Nadu
849	NaN	Maharashtra
871	NaN	Maharashtra
893	NaN	Maharashtra
896	NaN	Maharashtra
916	2.90	West Bengal
933	6.50	West Bengal
958	10.33	Kerala
993	12.40	Kerala
1009	8.10	Kerala
1025	NaN	Kerala

	House Location	OTT Season	\
8	Lonavala	No	
16	Lonavala	No	
42	Lonavala	No	
57	Lonavala	No	

62	Karjat	No
92	Lonavala	No
102	Lonavala	No
140	Lonavala	No
154	Lonavala	No
175	Lonavala	No
199	Lonavala	No
206	Lonavala	No
236	Mumbai	No
253	Mumbai	No
268	Mumbai	Yes
292	Mumbai	No
310	Mumbai	No
334	Mumbai	Yes
364	Lonavala	No
369	Lonavala	No
396	Bengaluru	No
410	Bengaluru	No
421	Bengaluru	No
454	Bengaluru	No
474	Bengaluru	No
485	Bengaluru	No
509	Bengaluru	Yes
529	Bengaluru	No
564	Lonavala	No
574	Hyderabad	No
593	Hyderabad	No
602	Hyderabad	No
636	Hyderabad	No
645	Hyderabad	Yes
671	Hyderabad	No
699	Chennai	No
727	Chennai	No
741	Chennai	No
752	Chennai	No
783	Chennai	No
792	Chennai	Yes
815	Chennai	No
849	Lonavala	No
871	Mumbai	No
893	Mumbai	No
896	Mumbai	No
916	Lonavala	No
933	Lonavala	No
958	Lonavala	No
993	Chennai	No
1009	Mumbai	No

```
1025        Mumbai        No

                                    Season Slogan        Season Theme   \
8                                            NaN                   NaN
16                                           NaN                   NaN
42                                           NaN                   NaN
57                                           NaN                   NaN
62                                           NaN                   NaN
92                                           NaN                   NaN
102                                          NaN         Hell & Heaven
140                                          NaN                   NaN
154                                          NaN                   NaN
175                     India consider it your home                NaN
199                     Neighbors will ring twelve             Padosi
206                              Strange pairing         Beach House
236                              Bigg Boss Tedha     Bigg Boss Museum
253                            Ab Scene Paltega           Futuristic
268                                          NaN       Stay Connected
292                            Sankat in Jungle               Jungle
310    Game Badlega, Kyunki Bigg Boss Khud Khelega            Circus
334                                          NaN             Recycled
364                                      Yes Sir                  NaN
369                            Not a Joke at all                  NaN
396                  There is no place for drama here            NaN
410                  Unseen faces of the seen faces             NaN
421                                          NaN                   NaN
454                                          NaN                   NaN
474                                          NaN                   NaN
485                                          NaN                   NaN
509                                          NaN                   NaN
529                                          NaN                   NaN
564                                          NaN                   NaN
574                                          NaN                   NaN
593                                          NaN                   NaN
602                                          NaN                   NaN
636                                          NaN                   NaN
645                                          NaN                   NaN
671                                          NaN                   NaN
699                        Can't run, can't hide.   Middle Class House
727                        Who is good? Who is bad?                Gear
741              This is not just a show… Our life.   Chettinad Museum
752    If it is wrong, I will question it. If it is r…        Aesthetic
783                          Expect the unexpected               Nature
792                                          NaN               Nature
815    There can be only one king in a forest. Are yo…    Luxury Mansion
849                                          NaN          Traditional
871                    fun ball, fun thing, fun stump     Royal Mansion
```

893	NaN	Cultural
896	All is well	Chawl
916	NaN	NaN
933	NaN	NaN
958	NaN	NaN
993	The Show Must Go On	NaN
1009	Things will be Colourful	NaN
1025	Battle of the Originals - The Fire Explodes!	NaN

	Number of Evictions Faced	Number of Times Elected as Captain \
8	1	4
16	5	0
42	7	0
57	5	2
62	4	1
92	5	1
102	7	2
140	2	0
154	6	4
175	7	3
199	10	0
206	9	0
236	12	2
253	14	1
268	5	1
292	8	0
310	8	1
334	2	0
364	6	<NA>
369	4	2
396	6	3
410	6	<NA>
421	6	1
454	9	1
474	8	2
485	8	2
509	2	1
529	10	1
564	4	2
574	11	1
593	12	0
602	12	0
636	9	1
645	9	0
671	12	2
699	7	1
727	6	1

741	4	2
752	10	2
783	8	0
792	6	2
815	13	1
849	5	2
871	7	2
893	9	0
896	4	2
916	7	0
933	9	2
958	5	1
993	5	2
1009	7	1
1025	9	2

	Number of Re-entries	Walked	Ejected	In Secret-Room \
8	0	0.0	0.0	NaN
16	1	1.0	0.0	NaN
42	0	0.0	0.0	NaN
57	0	0.0	0.0	NaN
62	0	0.0	0.0	NaN
92	0	0.0	0.0	NaN
102	1	1.0	0.0	NaN
140	0	0.0	0.0	NaN
154	0	0.0	0.0	NaN
175	0	0.0	0.0	NaN
199	0	0.0	0.0	NaN
206	0	0.0	0.0	NaN
236	1	1.0	0.0	1.0
253	0	0.0	0.0	NaN
268	0	0.0	0.0	NaN
292	0	0.0	0.0	NaN
310	0	0.0	0.0	NaN
334	0	0.0	0.0	NaN
364	0	0.0	0.0	NaN
369	0	0.0	0.0	NaN
396	0	0.0	0.0	NaN
410	0	0.0	0.0	NaN
421	0	0.0	0.0	NaN
454	0	0.0	0.0	NaN
474	0	0.0	0.0	NaN
485	0	0.0	0.0	NaN
509	0	0.0	0.0	NaN
529	0	0.0	0.0	NaN
564	0	0.0	0.0	NaN
574	0	0.0	0.0	NaN

593	0	0.0	0.0	1.0
602	0	0.0	0.0	NaN
636	0	0.0	0.0	NaN
645	0	0.0	0.0	NaN
671	0	0.0	0.0	NaN
699	0	0.0	0.0	NaN
727	0	0.0	0.0	NaN
741	0	0.0	0.0	NaN
752	0	0.0	0.0	NaN
783	0	0.0	0.0	NaN
792	0	0.0	0.0	NaN
815	0	0.0	0.0	NaN
849	0	0.0	0.0	NaN
871	0	0.0	0.0	NaN
893	0	0.0	0.0	NaN
896	0	0.0	0.0	NaN
916	0	0.0	0.0	NaN
933	0	0.0	0.0	NaN
958	0	0.0	0.0	NaN
993	1	1.0	0.0	NaN
1009	0	0.0	0.0	NaN
1025	0	0.0	0.0	NaN

	Won Eviction Free Pass	Won Ticket to Finale \
8	NaN	NaN
16	NaN	NaN
42	NaN	NaN
57	NaN	NaN
62	NaN	NaN
92	1.0	NaN
102	NaN	NaN
140	NaN	NaN
154	NaN	NaN
175	NaN	1.0
199	1.0	NaN
206	NaN	NaN
236	NaN	NaN
253	1.0	1.0
268	NaN	NaN
292	NaN	NaN
310	NaN	NaN
334	NaN	NaN
364	NaN	NaN
369	NaN	NaN
396	NaN	NaN
410	NaN	NaN
421	NaN	NaN

454	NaN	NaN
474	NaN	NaN
485	NaN	NaN
509	NaN	NaN
529	NaN	NaN
564	NaN	NaN
574	NaN	NaN
593	NaN	NaN
602	NaN	NaN
636	NaN	1.0
645	NaN	NaN
671	NaN	NaN
699	NaN	NaN
727	NaN	NaN
741	NaN	1.0
752	NaN	NaN
783	NaN	NaN
792	NaN	NaN
815	NaN	NaN
849	NaN	NaN
871	NaN	NaN
893	NaN	1.0
896	NaN	NaN
916	NaN	NaN
933	NaN	NaN
958	NaN	NaN
993	NaN	NaN
1009	NaN	1.0
1025	NaN	NaN

	Number of Times Best Performer	Number of Times Worst Performer \
8	NaN	NaN
16	NaN	NaN
42	NaN	NaN
57	NaN	NaN
62	NaN	NaN
92	NaN	NaN
102	NaN	NaN
140	NaN	NaN
154	NaN	NaN
175	NaN	NaN
199	1.0	NaN
206	NaN	NaN
236	NaN	1.0
253	NaN	NaN
268	NaN	NaN
292	NaN	NaN

310	NaN	NaN
334	NaN	NaN
364	NaN	NaN
369	NaN	NaN
396	NaN	NaN
410	NaN	NaN
421	NaN	NaN
454	NaN	NaN
474	NaN	NaN
485	NaN	NaN
509	NaN	NaN
529	NaN	NaN
564	NaN	NaN
574	NaN	NaN
593	NaN	NaN
602	NaN	NaN
636	NaN	2.0
645	NaN	1.0
671	NaN	NaN
699	NaN	NaN
727	NaN	NaN
741	NaN	NaN
752	NaN	NaN
783	NaN	NaN
792	NaN	NaN
815	NaN	1.0
849	NaN	NaN
871	NaN	NaN
893	NaN	NaN
896	NaN	NaN
916	NaN	NaN
933	NaN	NaN
958	NaN	NaN
993	5.0	NaN
1009	NaN	NaN
1025	NaN	1.0

	Secret Task	Social Media Popularity	Finalist	Winner	\
8	NaN	<NA>	1	1.0	
16	NaN	<NA>	1	1.0	
42	NaN	<NA>	1	1.0	
57	NaN	<NA>	1	1.0	
62	NaN	<NA>	1	1.0	
92	NaN	<NA>	1	1.0	
102	NaN	<NA>	1	1.0	
140	NaN	<NA>	1	1.0	
154	NaN	<NA>	1	1.0	

175	NaN	8	1	1.0
199	NaN	8	1	1.0
206	NaN	8	1	1.0
236	NaN	10	1	1.0
253	NaN	9	1	1.0
268	NaN	9	1	1.0
292	NaN	9	1	1.0
310	NaN	9	1	1.0
334	NaN	9	1	1.0
364	NaN	<NA>	1	1.0
369	NaN	<NA>	1	1.0
396	NaN	<NA>	1	1.0
410	NaN	<NA>	1	1.0
421	NaN	9	1	1.0
454	NaN	8	1	1.0
474	NaN	9	1	1.0
485	NaN	9	1	1.0
509	NaN	9	1	1.0
529	NaN	9	1	1.0
564	NaN	8	1	1.0
574	NaN	10	1	1.0
593	NaN	9	1	1.0
602	NaN	9	1	1.0
636	NaN	10	1	1.0
645	NaN	10	1	1.0
671	NaN	9	1	1.0
699	NaN	7	1	1.0
727	NaN	8	1	1.0
741	NaN	8	1	1.0
752	NaN	9	1	1.0
783	NaN	10	1	1.0
792	NaN	9	1	1.0
815	NaN	9	1	1.0
849	NaN	<NA>	1	1.0
871	NaN	<NA>	1	1.0
893	NaN	9	1	1.0
896	NaN	9	1	1.0
916	NaN	<NA>	1	1.0
933	NaN	<NA>	1	1.0
958	NaN	9	1	1.0
993	NaN	9	1	1.0
1009	NaN	9	1	1.0
1025	NaN	<NA>	1	1.0

	Season Length in weeks	Evictions Faced Percentage
8	12	8
16	14	36

42	12	58
57	14	36
62	14	29
92	14	36
102	15	47
140	4	50
154	15	40
175	15	47
199	15	67
206	15	60
236	20	60
253	20	70
268	6	83
292	17	47
310	19	42
334	8	25
364	14	43
369	14	29
396	14	43
410	16	38
421	15	40
454	14	64
474	16	50
485	17	47
509	6	33
529	14	71
564	10	40
574	16	69
593	15	80
602	15	80
636	15	60
645	12	75
671	15	80
699	14	50
727	15	40
741	15	27
752	15	67
783	15	53
792	10	60
815	15	87
849	14	36
871	14	50
893	14	64
896	14	29
916	13	54
933	15	60
958	14	36

993	14	36
1009	14	50
1025	14	64

```
[54]: # Sum of prize money won by all BB Season winners/participants, in India
      print(format_currency(bigg_boss['Prize Money (INR)'].sum(), 'INR',␣
       ↪locale='en_IN').replace(".00", ""))

      # 26 crores and 62 lakh rupees
```

26,62,55,000

```
[55]: # Profession of BB Season Winners
      bigg_boss.loc[bigg_boss.Winner==1, 'Profession'].value_counts()
```

```
[55]: Profession
      Actor                 10
      Soap Actress           8
      Actress                6
      Soap Actor             6
      Singer                 6
      Reality Show Alumni    3
      Commoner               2
      TV Anchor              2
      Film Director          2
      Radio Jockey           2
      Social Media Star      1
      Comedian               1
      Video Jockey           1
      Model                  1
      Pageant Winner         1
      Name: count, dtype: int64
```

```
[56]: # Gender of Season title Winners
      print(bigg_boss.loc[bigg_boss.Winner==1, 'Gender'].value_counts(), '\n')

      # In percentage
      print(round(bigg_boss.loc[bigg_boss.Winner==1, 'Gender'].
       ↪value_counts(normalize=True)*100).astype(str).str.replace('.0', '%'))

      plt.figure(figsize=(15, 10))
      ax1=plt.subplot(221)
      bigg_boss.loc[bigg_boss.Winner==1, 'Gender'].value_counts().plot(kind='bar',␣
       ↪color=["lightblue","pink"], ec="k")
      plt.xlabel("Gender-wise BB Winners", fontsize=16)
      plt.xticks(rotation=0, fontsize=16)
      plt.setp(ax1.get_yticklabels(), visible=False)
```

```python
for x,y in enumerate(bigg_boss.loc[bigg_boss.Winner==1, 'Gender'].
 ↪value_counts()):
    plt.annotate(y, (x,y), fontsize=13, color="Red")

ax2=plt.subplot(222)
bigg_boss.loc[bigg_boss.Winner==1, 'Gender'].value_counts().plot(kind='pie',␣
 ↪autopct='%.0f%%', explode = (0, 0.10), colors=["lightblue","pink"],␣
 ↪shadow=True,fontsize=13)
```

```
Gender
Male      38
Female    14
Name: count, dtype: int64

Gender
Male      73%
Female    27%
Name: proportion, dtype: object
```

[56]: <Axes: ylabel='count'>
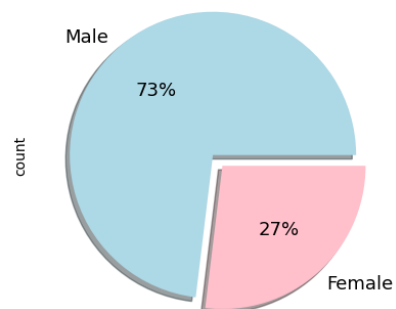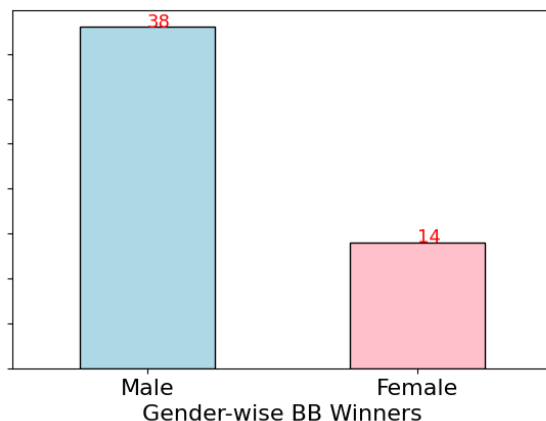
[57]:
```python
# Age of Season title Winners   (Age <30 young, 30-50 middle, >50 old)
print(bigg_boss.loc[bigg_boss.Winner==1, 'Age'].value_counts(), '\n')

# In percentage
print(round(bigg_boss.loc[bigg_boss.Winner==1, 'Age'].
 ↪value_counts(normalize=True)*100).astype(str).str.replace('.0', '%'))

plt.figure(figsize=(15, 10))
ax1=plt.subplot(221)
```

```python
bigg_boss.loc[bigg_boss.Winner==1, 'Age'].value_counts().plot(kind='bar',␣
  ↪color=["yellow", "green", "blue"], ec="k")
plt.xlabel("Age-wise BB Winners", fontsize=16)
plt.xticks(rotation=0, fontsize=16)
plt.setp(ax1.get_yticklabels(), visible=False)

for x,y in enumerate(bigg_boss.loc[bigg_boss.Winner==1, 'Age'].value_counts()):
    plt.annotate(y, (x,y), fontsize=13, color="Red")

ax2=plt.subplot(222)
bigg_boss.loc[bigg_boss.Winner==1, 'Age'].value_counts().plot(kind='pie',␣
  ↪autopct='%.0f%%', explode = (0, 0.1, 0.1), colors=["yellow", "green",␣
  ↪"blue"], shadow=True,fontsize=13)
```

```
Age
Middle    34
Young     17
Old        1
Name: count, dtype: int64

Age
Middle    65%
Young     33%
Old        2%
Name: proportion, dtype: object
```

[57]: <Axes: ylabel='count'>
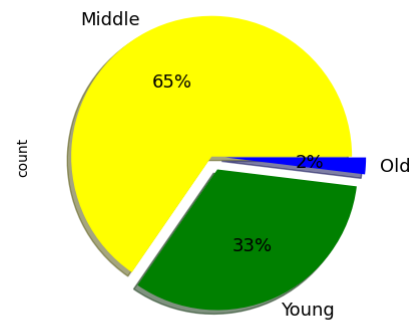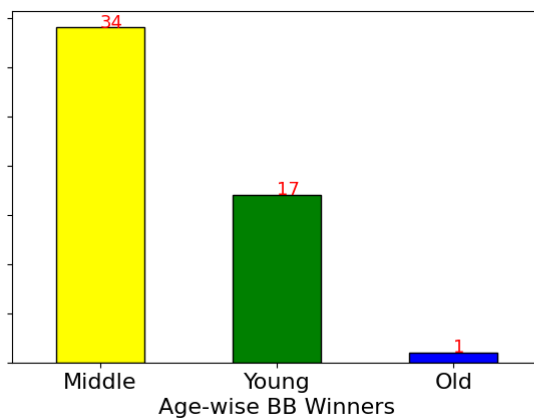
0.10   No wild card entry housemate won the Bigg Boss competition.

```
[58]:  # Entry type (wildcard or not) of the Season Winners
       bigg_boss.loc[bigg_boss.Winner==1, 'Wild Card'].value_counts()
```

```
[58]:  Wild Card
       No      51
       Yes      1
       Name: count, dtype: int64
```

```
[59]:  bigg_boss.loc[bigg_boss.Winner==1, 'Season Length'].value_counts().sort_index()

       # Length of the season (in days) - Number of Winners
```

```
[59]:  Season Length
       28       1
       42       2
       57       1
       70       2
       84       2
       86       1
       90       1
       95       1
       97       2
       98      14
       99       1
       102      1
       105     13
       106      2
       112      3
       117      1
       120      1
       134      1
       140      1
       141      1
       Name: count, dtype: int64
```

```
[60]:  bigg_boss.loc[bigg_boss.Winner==1, 'Number of Housemates'].value_counts().
       ↪sort_index()

       # Number of Housemates in house - Number of Winners
```

```
[60]:  Number of Housemates
       10       1
       13       1
       15       7
       16       5
```

```
    17     6
    18    11
    19     6
    20     9
    21     4
    22     1
    24     1
    Name: count, dtype: int64
```

[61]:
```
# Number of eliminations or evictions faced by the Bigg Boss competition winners
bigg_boss.loc[bigg_boss.Winner==1, 'Number of Evictions Faced'].value_counts().
  ↪sort_index()

# Number of eliminations faced - Number of Winners
```

[61]:
```
Number of Evictions Faced
1     1
2     3
4     5
5     7
6     7
7     7
8     5
9     7
10    3
11    1
12    4
13    1
14    1
Name: count, dtype: Int64
```

[62]:
```
# 4 re-entered contestant won Bigg Boss title
bigg_boss.loc[bigg_boss.Winner==1, 'Number of Re-entries'].value_counts()
```

[62]:
```
Number of Re-entries
0    48
1     4
Name: count, dtype: Int64
```

[63]:
```
# Bigg Boss title winners number of times elected as captain
bigg_boss.loc[bigg_boss.Winner==1, 'Number of Times Elected as Captain'].
  ↪value_counts().sort_index()

# Number of times elected as Captain - Number of winners
```

[63]:
```
Number of Times Elected as Captain
0    13
```

```
1     16
2     17
3      2
4      2
Name: count, dtype: Int64
```

[64]:
```
bigg_boss.loc[bigg_boss.Winner==1, 'Contestant Number'].value_counts().
 ↪sort_index()

# Contestant Number in the season - Number of winners
```

[64]:
```
Contestant Number
1.0     3
2.0     5
3.0     5
4.0     6
5.0     2
6.0     1
7.0     5
9.0     1
10.0    6
11.0    1
12.0    3
13.0    1
14.0    3
16.0    2
17.0    2
21.0    1
Name: count, dtype: int64
```

[65]:
```
# Winners who Won Ticket to Finale
bigg_boss.loc[bigg_boss.Winner==1, 'Won Ticket to Finale'].value_counts()

# Won Ticket to Finale - Number of winners
```

[65]:
```
Won Ticket to Finale
1.0    6
Name: count, dtype: int64
```

[66]:
```
# Winners who Won Eviction Free Pass
bigg_boss.loc[bigg_boss.Winner==1, 'Won Eviction Free Pass'].value_counts()

# Won Eviction Free Pass - Number of winners
```

[66]:
```
Won Eviction Free Pass
1.0    3
Name: count, dtype: int64
```

```
[67]: bigg_boss.loc[bigg_boss.Winner==1, 'Number of Times Best Performer'].
      ↪value_counts()

      # Number of Times Best Performer - Number of winners
```

```
[67]: Number of Times Best Performer
      1.0    1
      5.0    1
      Name: count, dtype: int64
```

```
[68]: bigg_boss.loc[bigg_boss.Winner==1, 'Number of Times Worst Performer'].
      ↪value_counts()

      # Number of Times Worst Performer - Number of winners
```

```
[68]: Number of Times Worst Performer
      1.0    4
      2.0    1
      Name: count, dtype: int64
```

0.11   BB Hindi Seasons

```
[69]: lang='Hindi'

      # All Bigg Boss Hindi Participants
      bigg_boss.loc[(bigg_boss['Language']==lang)]
```

```
[69]:      Language Season Number             Name        Profession      Gender    \
      0        Hindi            1        Amit Sadh        Soap Actor        Male
      1        Hindi            1    Anupama Verma             Model      Female
      2        Hindi            1       Aryan Vaid    Pageant Winner        Male
      3        Hindi            1     Bobby Darling          Activist  Transgender
      4        Hindi            1     Carol Gracias             Model      Female
      ..         …           …              …                 …           …
      348      Hindi           17      Rinku Dhawan      Soap Actress      Female
      349      Hindi           17   Sana Raees Khan           Lawyer      Female
      350      Hindi           17    Soniya Bansal           Actress      Female
      351      Hindi           17       Sunny Arya  Social Media Star        Male
      352      Hindi           17        Vikki Jain       Businessman        Male

            Age Entry Date Elimination Date  Elimination Week Number  \
      0     NaN 2006-11-03              NaT                       10
      1     NaN 2006-11-03              NaT                        5
      2     NaN 2006-11-03              NaT                        4
      3     NaN 2006-11-03              NaT                        1
      4     NaN 2006-11-03       2007-01-26                       12
      ..      …          …                …                        …
```

```
348  Middle 2023-10-15              NaT                    <NA>
349     NaN 2023-10-15              NaT                    <NA>
350     NaN 2023-10-15              NaT                    <NA>
351     NaN 2023-10-15              NaT                    <NA>
352     NaN 2023-10-15              NaT                    <NA>

    Contestant Number Wild Card  Season Length  Number of Housemates  \
0                 5.0        No             86                    15
1                 8.0        No             86                    15
2                 9.0        No             86                    15
3                12.0        No             86                    15
4                 2.0        No             86                    15
..                 ...       ...            ...                   ...
348              14.0        No            127                    17
349               7.0        No            127                    17
350              11.0        No            127                    17
351              13.0        No            127                    17
352              10.0        No            127                    17

    Season Start Date Season End Date      Host Name Guest Host Name  \
0          2006-11-03      2007-01-26  Arshad Warsi             NaN
1          2006-11-03      2007-01-26  Arshad Warsi             NaN
2          2006-11-03      2007-01-26  Arshad Warsi             NaN
3          2006-11-03      2007-01-26  Arshad Warsi             NaN
4          2006-11-03      2007-01-26  Arshad Warsi             NaN
..                ...             ...            ...             ...
348        2023-10-15      2024-02-04    Salman Khan             NaN
349        2023-10-15      2024-02-04    Salman Khan             NaN
350        2023-10-15      2024-02-04    Salman Khan             NaN
351        2023-10-15      2024-02-04    Salman Khan             NaN
352        2023-10-15      2024-02-04    Salman Khan             NaN

    Prize Money (INR) Broadcasted By OTT Platform  Average TRP  \
0                 0.0          Sony          NaN          2.72
1                 0.0          Sony          NaN          2.72
2                 0.0          Sony          NaN          2.72
3                 0.0          Sony          NaN          2.72
4                 0.0          Sony          NaN          2.72
..                 ...           ...          ...           ...
348               NaN        Colors    JioCinema           NaN
349               NaN        Colors    JioCinema           NaN
350               NaN        Colors    JioCinema           NaN
351               NaN        Colors    JioCinema           NaN
352               NaN        Colors    JioCinema           NaN

                                 Most Viewed States House Location  \
0    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
```

```
1     Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
2     Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
3     Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
4     Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
..                                                     …            …
348   Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai
349   Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai
350   Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai
351   Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai
352   Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai

     OTT Season          Season Slogan      Season Theme   \
0         No                      NaN               NaN
1         No                      NaN               NaN
2         No                      NaN               NaN
3         No                      NaN               NaN
4         No                      NaN               NaN
..         …                       …                 …
348       No   Dil, Dimaag aur Dum   Europe streets
349       No   Dil, Dimaag aur Dum   Europe streets
350       No   Dil, Dimaag aur Dum   Europe streets
351       No   Dil, Dimaag aur Dum   Europe streets
352       No   Dil, Dimaag aur Dum   Europe streets

     Number of Evictions Faced  Number of Times Elected as Captain  \
0                            2                                   0
1                            1                                   0
2                            1                                   0
3                            1                                   0
4                            5                                   0
..                           …                                   …
348                       <NA>                                <NA>
349                       <NA>                                <NA>
350                       <NA>                                <NA>
351                       <NA>                                <NA>
352                       <NA>                                <NA>

     Number of Re-entries  Walked  Ejected  In Secret-Room  \
0                       0     0.0      0.0             NaN
1                       0     0.0      0.0             NaN
2                       0     0.0      0.0             NaN
3                       0     0.0      0.0             NaN
4                       0     0.0      0.0             NaN
..                      …       …        …               …
348                  <NA>     NaN      NaN             NaN
349                  <NA>     NaN      NaN             NaN
350                  <NA>     NaN      NaN             NaN
```

```
351                     <NA>      NaN      NaN           NaN
352                     <NA>      NaN      NaN           NaN


        Won Eviction Free Pass  Won Ticket to Finale  \
0                        NaN                    NaN
1                        NaN                    NaN
2                        NaN                    NaN
3                        NaN                    NaN
4                        NaN                    NaN
..                       …                      …
348                      NaN                    NaN
349                      NaN                    NaN
350                      NaN                    NaN
351                      NaN                    NaN
352                      NaN                    NaN


        Number of Times Best Performer  Number of Times Worst Performer  \
0                            NaN                              NaN
1                            NaN                              NaN
2                            NaN                              NaN
3                            NaN                              NaN
4                            NaN                              NaN
..                           …                                …
348                          NaN                              NaN
349                          NaN                              NaN
350                          NaN                              NaN
351                          NaN                              NaN
352                          NaN                              NaN


        Secret Task  Social Media Popularity  Finalist  Winner  \
0            NaN                     <NA>          0     0.0
1            NaN                     <NA>          0     0.0
2            NaN                     <NA>          0     0.0
3            NaN                     <NA>          0     0.0
4            NaN                     <NA>          1     0.0
..           …                      …             …     …
348          NaN                     <NA>        <NA>    NaN
349          NaN                     <NA>        <NA>    NaN
350          NaN                     <NA>        <NA>    NaN
351          NaN                     <NA>        <NA>    NaN
352          NaN                     <NA>        <NA>    NaN


        Season Length in weeks  Evictions Faced Percentage
0                       12                              17
1                       12                               8
2                       12                               8
3                       12                               8
```

```
4                       12                            42
..                      …                            …
348                     18                          <NA>
349                     18                          <NA>
350                     18                          <NA>
351                     18                          <NA>
352                     18                          <NA>

[353 rows x 42 columns]
```

[70]: `# BiggBoss Hindi Winners`
`bigg_boss.loc[(bigg_boss['Language']==lang) & (bigg_boss['Winner']==1), :]`

[70]:
```
     Language Season Number           Name            Profession  Gender  \
8       Hindi             1       Rahul Roy                 Actor    Male
16      Hindi             2  Ashutosh Kaushik  Reality Show Alumni    Male
42      Hindi             3  Vindu Dara Singh                 Actor    Male
57      Hindi             4    Shweta Tiwari         Soap Actress  Female
62      Hindi             5      Juhi Parmar         Soap Actress  Female
92      Hindi             6  Urvashi Dholakia         Soap Actress  Female
102     Hindi             7      Gauhar Khan              Actress  Female
140     Hindi     Halla Bol    Gautam Gulati           Soap Actor    Male
154     Hindi             9    Prince Narula  Reality Show Alumni    Male
175     Hindi            10   Manveer Gurjar             Commoner    Male
199     Hindi            11    Shilpa Shinde         Soap Actress  Female
206     Hindi            12    Dipika Kakar         Soap Actress  Female
236     Hindi            13  Sidharth Shukla           Soap Actor    Male
253     Hindi            14    Rubina Dilaik         Soap Actress  Female
268     Hindi        OTT S1    Divya Agarwal              Actress  Female
292     Hindi            15  Tejasswi Prakash        Soap Actress  Female
310     Hindi            16          MC Stan               Singer    Male
334     Hindi        OTT S2     Elvish Yadav    Social Media Star    Male

        Age Entry Date Elimination Date  Elimination Week Number  \
8    Middle 2006-11-03              NaT                     <NA>
16   Middle 2008-08-17              NaT                     <NA>
42   Middle 2009-10-04              NaT                     <NA>
57   Middle 2010-10-03              NaT                     <NA>
62   Middle 2011-10-02              NaT                     <NA>
92   Middle 2012-10-07              NaT                     <NA>
102  Middle 2013-09-15              NaT                     <NA>
140  Middle 2015-01-04              NaT                     <NA>
154   Young 2015-10-11              NaT                     <NA>
175   Young 2016-10-16              NaT                     <NA>
199  Middle 2017-10-01              NaT                     <NA>
206  Middle 2018-09-16              NaT                     <NA>
236  Middle 2019-09-29              NaT                     <NA>
```

253	Middle	2020-10-03	NaT	<NA>
268	Middle	2021-08-08	NaT	<NA>
292	Young	2021-10-02	NaT	<NA>
310	Young	2022-10-01	NaT	<NA>
334	Young	NaT	NaT	<NA>

	Contestant Number	Wild Card	Season Length	Number of Housemates
8	1.0	No	86	15
16	10.0	No	98	15
42	7.0	No	84	15
57	NaN	No	97	16
62	14.0	No	98	18
92	5.0	No	97	19
102	4.0	No	105	20
140	2.0	No	28	10
154	12.0	No	105	20
175	3.0	No	106	18
199	17.0	No	106	19
206	4.0	No	105	20
236	1.0	No	140	21
253	4.0	No	141	22
268	12.0	No	42	13
292	3.0	No	120	24
310	5.0	No	134	17
334	14.0	Yes	57	15

	Season Start Date	Season End Date	Host Name	Guest Host Name
8	2006-11-03	2007-01-26	Arshad Warsi	NaN
16	2008-08-17	2008-11-22	Shilpa Shetty	NaN
42	2009-10-04	2009-12-26	Amitabh Bachchan	NaN
57	2010-10-03	2011-01-08	Salman Khan	NaN
62	2011-10-02	2012-01-07	Salman Khan	Sanjay Dutt
92	2012-10-07	2013-01-12	Salman Khan	NaN
102	2013-09-15	2013-12-28	Salman Khan	NaN
140	2015-01-04	2015-01-31	Farah Khan	NaN
154	2015-10-11	2016-01-23	Salman Khan	NaN
175	2016-10-16	2017-01-29	Salman Khan	NaN
199	2017-10-01	2018-01-14	Salman Khan	NaN
206	2018-09-16	2018-12-30	Salman Khan	NaN
236	2019-09-29	2020-02-15	Salman Khan	NaN
253	2020-10-03	2021-02-21	Salman Khan	NaN
268	2021-08-08	2021-09-18	Karan Johar	NaN
292	2021-10-02	2022-01-30	Salman Khan	NaN
310	2022-10-01	2023-02-12	Salman Khan	Karan Johar
334	2023-06-17	2023-08-14	Salman Khan	NaN

Prize Money (INR) Broadcasted By OTT Platform Average TRP \

8	10000000.0	Sony	NaN	2.72
16	10000000.0	Colors	NaN	2.89
42	10000000.0	Colors	NaN	2.83
57	10000000.0	Colors	NaN	4.95
62	10000000.0	Colors	NaN	4.19
92	5000000.0	Colors	NaN	3.81
102	5000000.0	Colors	NaN	4.40
140	5000000.0	Colors	NaN	2.82
154	5000000.0	Colors	NaN	2.90
175	5000000.0	Colors	Voot	3.54
199	5000000.0	Colors	NaN	7.64
206	3000000.0	Colors	NaN	4.99
236	5000000.0	Colors	NaN	9.06
253	3600000.0	Colors	Voot	NaN
268	2500000.0	NaN	Voot	NaN
292	4000000.0	Colors	Voot	NaN
310	3180000.0	Colors	Voot	NaN
334	2500000.0	NaN	JioCinema	NaN

	Most Viewed States	House Location \
8	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
16	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
42	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
57	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
62	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Karjat
92	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
102	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
140	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
154	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
175	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
199	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
206	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Lonavala
236	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
253	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
268	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
292	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
310	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai
334	Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…	Mumbai

	OTT Season	Season Slogan	Season Theme \
8	No	NaN	NaN
16	No	NaN	NaN
42	No	NaN	NaN
57	No	NaN	NaN
62	No	NaN	NaN
92	No	NaN	NaN
102	No	NaN	Hell & Heaven

```
140          No                                          NaN              NaN
154          No                                          NaN              NaN
175          No               India consider it your home              NaN
199          No                Neighbors will ring twelve           Padosi
206          No                           Strange pairing      Beach House
236          No                           Bigg Boss Tedha  Bigg Boss Museum
253          No                           Ab Scene Paltega       Futuristic
268         Yes                                          NaN   Stay Connected
292          No                          Sankat in Jungle           Jungle
310          No  Game Badlega, Kyunki Bigg Boss Khud Khelega           Circus
334         Yes                                          NaN         Recycled

     Number of Evictions Faced  Number of Times Elected as Captain  \
8                            1                                   4
16                           5                                   0
42                           7                                   0
57                           5                                   2
62                           4                                   1
92                           5                                   1
102                          7                                   2
140                          2                                   0
154                          6                                   4
175                          7                                   3
199                         10                                   0
206                          9                                   0
236                         12                                   2
253                         14                                   1
268                          5                                   1
292                          8                                   0
310                          8                                   1
334                          2                                   0

     Number of Re-entries  Walked  Ejected  In Secret-Room  \
8                       0     0.0      0.0             NaN
16                      1     1.0      0.0             NaN
42                      0     0.0      0.0             NaN
57                      0     0.0      0.0             NaN
62                      0     0.0      0.0             NaN
92                      0     0.0      0.0             NaN
102                     1     1.0      0.0             NaN
140                     0     0.0      0.0             NaN
154                     0     0.0      0.0             NaN
175                     0     0.0      0.0             NaN
199                     0     0.0      0.0             NaN
206                     0     0.0      0.0             NaN
236                     1     1.0      0.0             1.0
253                     0     0.0      0.0             NaN
```

268	0	0.0	0.0	NaN
292	0	0.0	0.0	NaN
310	0	0.0	0.0	NaN
334	0	0.0	0.0	NaN

	Won Eviction Free Pass	Won Ticket to Finale \
8	NaN	NaN
16	NaN	NaN
42	NaN	NaN
57	NaN	NaN
62	NaN	NaN
92	1.0	NaN
102	NaN	NaN
140	NaN	NaN
154	NaN	NaN
175	NaN	1.0
199	1.0	NaN
206	NaN	NaN
236	NaN	NaN
253	1.0	1.0
268	NaN	NaN
292	NaN	NaN
310	NaN	NaN
334	NaN	NaN

	Number of Times Best Performer	Number of Times Worst Performer \
8	NaN	NaN
16	NaN	NaN
42	NaN	NaN
57	NaN	NaN
62	NaN	NaN
92	NaN	NaN
102	NaN	NaN
140	NaN	NaN
154	NaN	NaN
175	NaN	NaN
199	1.0	NaN
206	NaN	NaN
236	NaN	1.0
253	NaN	NaN
268	NaN	NaN
292	NaN	NaN
310	NaN	NaN
334	NaN	NaN

	Secret Task	Social Media Popularity	Finalist	Winner \
8	NaN	<NA>	1	1.0

```
16         NaN              <NA>        1     1.0
42         NaN              <NA>        1     1.0
57         NaN              <NA>        1     1.0
62         NaN              <NA>        1     1.0
92         NaN              <NA>        1     1.0
102        NaN              <NA>        1     1.0
140        NaN              <NA>        1     1.0
154        NaN              <NA>        1     1.0
175        NaN                 8        1     1.0
199        NaN                 8        1     1.0
206        NaN                 8        1     1.0
236        NaN                10        1     1.0
253        NaN                 9        1     1.0
268        NaN                 9        1     1.0
292        NaN                 9        1     1.0
310        NaN                 9        1     1.0
334        NaN                 9        1     1.0

     Season Length in weeks  Evictions Faced Percentage
8                        12                            8
16                       14                           36
42                       12                           58
57                       14                           36
62                       14                           29
92                       14                           36
102                      15                           47
140                       4                           50
154                      15                           40
175                      15                           47
199                      15                           67
206                      15                           60
236                      20                           60
253                      20                           70
268                       6                           83
292                      17                           47
310                      19                           42
334                       8                           25
```

[71]: ```python
Hindi Bigg Boss all seasons finalists
bigg_boss.loc[(bigg_boss['Language']==lang) & (bigg_boss['Finalist']==1), :]
```

[71]:
```
     Language Season Number   Name   Profession Gender \
4   Hindi   1   Carol Gracias   Model Female
8   Hindi   1   Rahul Roy   Actor   Male
9   Hindi   1   Rakhi Sawant   Actress Female
10   Hindi   1   Ravi Kishan   Actor   Male
16   Hindi   2 Ashutosh Kaushik Reality Show Alumni   Male
```

```
..      …           …              …                    …           …
322    Hindi        OTT S2    Abhishek Malhan     Social Media Star     Male
325    Hindi        OTT S2     Bebika Dhurve          Soap Actress    Female
330    Hindi        OTT S2     Manisha Rani       Social Media Star    Female
332    Hindi        OTT S2       Pooja Bhatt              Actress     Female
334    Hindi        OTT S2      Elvish Yadav     Social Media Star      Male


        Age Entry Date Elimination Date  Elimination Week Number  \
4       NaN 2006-11-03       2007-01-26                       12
8    Middle 2006-11-03              NaT                     <NA>
9       NaN 2006-11-03              NaT                       11
10      NaN 2006-11-03       2007-01-26                       12
16   Middle 2008-08-17              NaT                     <NA>
..      …          …              …                       …
322     NaN 2023-06-17              NaT                        8
325     NaN 2023-06-17              NaT                        8
330     NaN 2023-06-17              NaT                        8
332     NaN 2023-06-17              NaT                        8
334   Young        NaT              NaT                     <NA>


     Contestant Number Wild Card  Season Length  Number of Housemates  \
4                  2.0        No             86                    15
8                  1.0        No             86                    15
9                  4.0        No             86                    15
10                 3.0        No             86                    15
16                10.0        No             98                    15
..                  …         …              …                     …
322                3.0        No             57                    15
325                8.0        No             57                    15
330                5.0        No             57                    15
332               11.0        No             57                    15
334               14.0       Yes             57                    15


    Season Start Date Season End Date      Host Name Guest Host Name  \
4          2006-11-03      2007-01-26    Arshad Warsi             NaN
8          2006-11-03      2007-01-26    Arshad Warsi             NaN
9          2006-11-03      2007-01-26    Arshad Warsi             NaN
10         2006-11-03      2007-01-26    Arshad Warsi             NaN
16         2008-08-17      2008-11-22   Shilpa Shetty            NaN
..              …               …              …               …
322        2023-06-17      2023-08-14     Salman Khan            NaN
325        2023-06-17      2023-08-14     Salman Khan            NaN
330        2023-06-17      2023-08-14     Salman Khan            NaN
332        2023-06-17      2023-08-14     Salman Khan            NaN
334        2023-06-17      2023-08-14     Salman Khan            NaN


    Prize Money (INR) Broadcasted By OTT Platform  Average TRP  \
```

```
4              0.0         Sony        NaN      2.72
8       10000000.0         Sony        NaN      2.72
9              0.0         Sony        NaN      2.72
10             0.0         Sony        NaN      2.72
16      10000000.0       Colors        NaN      2.89
..             ...          ...        ...       ...
322            0.0          NaN  JioCinema       NaN
325            0.0          NaN  JioCinema       NaN
330            0.0          NaN  JioCinema       NaN
332            0.0          NaN  JioCinema       NaN
334      2500000.0          NaN  JioCinema       NaN

                                 Most Viewed States House Location  \
4    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…       Lonavala
8    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…       Lonavala
9    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…       Lonavala
10   Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…       Lonavala
16   Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…       Lonavala
..                                               …              …
322  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai
325  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai
330  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai
332  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai
334  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai

    OTT Season Season Slogan Season Theme  Number of Evictions Faced  \
4           No           NaN          NaN                          5
8           No           NaN          NaN                          1
9           No           NaN          NaN                          3
10          No           NaN          NaN                          2
16          No           NaN          NaN                          5
..         …             …            …                           …
322        Yes           NaN     Recycled                          2
325        Yes           NaN     Recycled                          4
330        Yes           NaN     Recycled                          6
332        Yes           NaN     Recycled                          3
334        Yes           NaN     Recycled                          2

     Number of Times Elected as Captain  Number of Re-entries  Walked  \
4                                     0                     0     0.0
8                                     4                     0     0.0
9                                     0                     1     0.0
10                                    2                     0     0.0
16                                    0                     1     1.0
..                                   …                     …      …
322                                   2                     0     0.0
325                                   0                     0     0.0
```

```
330                                     1              0   0.0
332                                     0              0   0.0
334                                     0              0   0.0

     Ejected  In Secret-Room  Won Eviction Free Pass  Won Ticket to Finale  \
4       0.0             NaN                      NaN                    NaN
8       0.0             NaN                      NaN                    NaN
9       0.0             NaN                      NaN                    NaN
10      0.0             NaN                      NaN                    NaN
16      0.0             NaN                      NaN                    NaN
..      ...             ...                      ...                    ...
322     0.0             NaN                      NaN                    NaN
325     0.0             NaN                      NaN                    NaN
330     0.0             NaN                      NaN                    NaN
332     0.0             NaN                      NaN                    NaN
334     0.0             NaN                      NaN                    NaN

     Number of Times Best Performer  Number of Times Worst Performer  \
4                               NaN                              NaN
8                               NaN                              NaN
9                               NaN                              NaN
10                              NaN                              NaN
16                              NaN                              NaN
..                              ...                              ...
322                             NaN                              NaN
325                             NaN                              NaN
330                             NaN                              NaN
332                             NaN                              NaN
334                             NaN                              NaN

     Secret Task  Social Media Popularity  Finalist  Winner  \
4            NaN                     <NA>         1     0.0
8            NaN                     <NA>         1     1.0
9            NaN                     <NA>         1     0.0
10           NaN                     <NA>         1     0.0
16           NaN                     <NA>         1     1.0
..           ...                      ...       ...     ...
322          NaN                        8         1     0.0
325          NaN                        6         1     0.0
330          NaN                        7         1     0.0
332          NaN                        6         1     0.0
334          NaN                        9         1     1.0

     Season Length in weeks  Evictions Faced Percentage
4                        12                          42
8                        12                           8
9                        12                          25
```

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```
10                       12                    17
16                       14                    36
..                       …                     …
322                       8                    25
325                       8                    50
330                       8                    75
332                       8                    38
334                       8                    25

[88 rows x 42 columns]
```

[72]:
```python
# Number of finalists gender wise, in each BB Hindi season
bigg_boss[(bigg_boss['Language']==lang) & (bigg_boss['Finalist']==1)].
 ↪groupby('Gender')['Season Number'].value_counts().sort_index()
```

[72]:
```
Gender  Season Number
Female  1                2
        10               2
        11               2
        12               1
        13               3
        14               3
        15               3
        16               2
        3                1
        4                2
        5                2
        6                2
        7                2
        8                3
        9                2
        Halla Bol        2
        OTT S1           2
        OTT S2           3
Male    1                2
        10               2
        11               2
        12               4
        13               3
        14               2
        15               3
        16               3
        2                3
        3                2
        4                2
        5                3
        6                2
```

```
              7            2
              8            4
              9            2
              Halla Bol    3
              OTT S1       3
              OTT S2       2
      Name: count, dtype: int64
```

[73]:
```python
# Number of finalists age wise, in each Hindi BiggBoss season
bigg_boss[(bigg_boss['Language']==lang) & (bigg_boss['Finalist']==1)].
 ↪groupby('Age')['Season Number'].value_counts().sort_index()
```

[73]:
```
Age     Season Number
Middle  1               1
        11              1
        12              1
        13              1
        14              1
        2               1
        3               1
        4               1
        5               1
        6               1
        7               1
        8               2
        Halla Bol       1
        OTT S1          1
Young   10              1
        15              1
        16              1
        8               1
        9               1
        OTT S2          1
Name: count, dtype: int64
```

0.12 Bigg Boss India data set visualizations/infographics at Tableau Public -

0.13 http://public.tableau.com/app/profile/satya.thirumani/viz/BiggBossIndia__164343382

[74]:
```python
IFrame('https://public.tableau.com/views/BiggBossIndia_16434338263440/BBStory?:
 ↪language=en-US&:display_count=n&:origin=viz_share_link', width=1000,␣
 ↪height=1000)
```

[74]: <IPython.lib.display.IFrame at 0x7ca676f68700>

[75]:
```python
# Bigg Boss Hindi current season participants
```

```
bigg_boss.loc[(bigg_boss['Language']==lang) & (bigg_boss['Season␣
  ↪Number']=='17'), :]
```

[75]:   Language Season Number   Name   Profession \
     336   Hindi   17   Abhishek Kumar   Soap Actor
     337   Hindi   17   Aishwarya Sharma   Soap Actress
     338   Hindi   17   Ankita Lokhande   Soap Actress
     339   Hindi   17   Anurag Dobhal   Social Media Star
     340   Hindi   17   Arun Srikanth Mahashetty   Social Media Star
     341   Hindi   17   Firoza Khan aka Khanzaadi   Singer
     342   Hindi   17   Isha Malviya   Soap Actress
     343   Hindi   17   Jigna Vora   News Presenter
     344   Hindi   17   Mannara Chopra   Actress
     345   Hindi   17   Munawar Faruqui   Comedian
     346   Hindi   17   Navid Sole   Pharmacist
     347   Hindi   17   Neil Bhatt   Soap Actor
     348   Hindi   17   Rinku Dhawan   Soap Actress
     349   Hindi   17   Sana Raees Khan   Lawyer
     350   Hindi   17   Soniya Bansal   Actress
     351   Hindi   17   Sunny Arya   Social Media Star
     352   Hindi   17   Vikki Jain   Businessman

          Gender   Age Entry Date Elimination Date Elimination Week Number \
     336   Male   NaN 2023-10-15   NaT   <NA>
     337   Female   NaN 2023-10-15   NaT   <NA>
     338   Female   NaN 2023-10-15   NaT   <NA>
     339   Male   Young 2023-10-15   NaT   <NA>
     340   NaN   NaN 2023-10-15   NaT   <NA>
     341   Female   NaN 2023-10-15   NaT   <NA>
     342   Female   Young 2023-10-15   NaT   <NA>
     343   Female   NaN 2023-10-15   NaT   <NA>
     344   Female   NaN 2023-10-15   NaT   <NA>
     345   Male   NaN 2023-10-15   NaT   <NA>
     346   Male   NaN 2023-10-15   NaT   <NA>
     347   Male   NaN 2023-10-15   NaT   <NA>
     348   Female   Middle 2023-10-15   NaT   <NA>
     349   Female   NaN 2023-10-15   NaT   <NA>
     350   Female   NaN 2023-10-15   NaT   <NA>
     351   Male   NaN 2023-10-15   NaT   <NA>
     352   Male   NaN 2023-10-15   NaT   <NA>

          Contestant Number Wild Card Season Length Number of Housemates \
     336   16.0   No   127   17
     337   3.0   No   127   17
     338   9.0   No   127   17
     339   6.0   No   127   17
     340   15.0   No   127   17
```

341	12.0	No	127	17
342	17.0	No	127	17
343	8.0	No	127	17
344	1.0	No	127	17
345	2.0	No	127	17
346	5.0	No	127	17
347	4.0	No	127	17
348	14.0	No	127	17
349	7.0	No	127	17
350	11.0	No	127	17
351	13.0	No	127	17
352	10.0	No	127	17

	Season Start Date	Season End Date	Host Name	Guest Host Name	\
336	2023-10-15	2024-02-04	Salman Khan	NaN
337	2023-10-15	2024-02-04	Salman Khan	NaN
338	2023-10-15	2024-02-04	Salman Khan	NaN
339	2023-10-15	2024-02-04	Salman Khan	NaN
340	2023-10-15	2024-02-04	Salman Khan	NaN
341	2023-10-15	2024-02-04	Salman Khan	NaN
342	2023-10-15	2024-02-04	Salman Khan	NaN
343	2023-10-15	2024-02-04	Salman Khan	NaN
344	2023-10-15	2024-02-04	Salman Khan	NaN
345	2023-10-15	2024-02-04	Salman Khan	NaN
346	2023-10-15	2024-02-04	Salman Khan	NaN
347	2023-10-15	2024-02-04	Salman Khan	NaN
348	2023-10-15	2024-02-04	Salman Khan	NaN
349	2023-10-15	2024-02-04	Salman Khan	NaN
350	2023-10-15	2024-02-04	Salman Khan	NaN
351	2023-10-15	2024-02-04	Salman Khan	NaN
352	2023-10-15	2024-02-04	Salman Khan	NaN

	Prize Money (INR)	Broadcasted By	OTT Platform	Average TRP	\
336	NaN	Colors	JioCinema	NaN
337	NaN	Colors	JioCinema	NaN
338	NaN	Colors	JioCinema	NaN
339	NaN	Colors	JioCinema	NaN
340	NaN	Colors	JioCinema	NaN
341	NaN	Colors	JioCinema	NaN
342	NaN	Colors	JioCinema	NaN
343	NaN	Colors	JioCinema	NaN
344	NaN	Colors	JioCinema	NaN
345	NaN	Colors	JioCinema	NaN
346	NaN	Colors	JioCinema	NaN
347	NaN	Colors	JioCinema	NaN
348	NaN	Colors	JioCinema	NaN
349	NaN	Colors	JioCinema	NaN

```
350              NaN      Colors   JioCinema        NaN
351              NaN      Colors   JioCinema        NaN
352              NaN      Colors   JioCinema        NaN

                                   Most Viewed States House Location  \
336  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
337  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
338  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
339  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
340  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
341  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
342  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
343  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
344  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
345  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
346  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
347  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
348  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
349  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
350  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
351  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
352  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai

    OTT Season        Season Slogan     Season Theme  \
336         No  Dil, Dimaag aur Dum  Europe streets
337         No  Dil, Dimaag aur Dum  Europe streets
338         No  Dil, Dimaag aur Dum  Europe streets
339         No  Dil, Dimaag aur Dum  Europe streets
340         No  Dil, Dimaag aur Dum  Europe streets
341         No  Dil, Dimaag aur Dum  Europe streets
342         No  Dil, Dimaag aur Dum  Europe streets
343         No  Dil, Dimaag aur Dum  Europe streets
344         No  Dil, Dimaag aur Dum  Europe streets
345         No  Dil, Dimaag aur Dum  Europe streets
346         No  Dil, Dimaag aur Dum  Europe streets
347         No  Dil, Dimaag aur Dum  Europe streets
348         No  Dil, Dimaag aur Dum  Europe streets
349         No  Dil, Dimaag aur Dum  Europe streets
350         No  Dil, Dimaag aur Dum  Europe streets
351         No  Dil, Dimaag aur Dum  Europe streets
352         No  Dil, Dimaag aur Dum  Europe streets

    Number of Evictions Faced  Number of Times Elected as Captain  \
336                     <NA>                                <NA>
337                     <NA>                                <NA>
338                     <NA>                                <NA>
339                     <NA>                                <NA>
```

```
340                          <NA>                           <NA>
341                          <NA>                           <NA>
342                          <NA>                           <NA>
343                          <NA>                           <NA>
344                          <NA>                           <NA>
345                          <NA>                           <NA>
346                          <NA>                           <NA>
347                          <NA>                           <NA>
348                          <NA>                           <NA>
349                          <NA>                           <NA>
350                          <NA>                           <NA>
351                          <NA>                           <NA>
352                          <NA>                           <NA>

     Number of Re-entries  Walked  Ejected  In Secret-Room  \
336                  <NA>     NaN      NaN             NaN
337                  <NA>     NaN      NaN             NaN
338                  <NA>     NaN      NaN             NaN
339                  <NA>     NaN      NaN             NaN
340                  <NA>     NaN      NaN             NaN
341                  <NA>     NaN      NaN             NaN
342                  <NA>     NaN      NaN             NaN
343                  <NA>     NaN      NaN             NaN
344                  <NA>     NaN      NaN             NaN
345                  <NA>     NaN      NaN             NaN
346                  <NA>     NaN      NaN             NaN
347                  <NA>     NaN      NaN             NaN
348                  <NA>     NaN      NaN             NaN
349                  <NA>     NaN      NaN             NaN
350                  <NA>     NaN      NaN             NaN
351                  <NA>     NaN      NaN             NaN
352                  <NA>     NaN      NaN             NaN

     Won Eviction Free Pass  Won Ticket to Finale  \
336                     NaN                   NaN
337                     NaN                   NaN
338                     NaN                   NaN
339                     NaN                   NaN
340                     NaN                   NaN
341                     NaN                   NaN
342                     NaN                   NaN
343                     NaN                   NaN
344                     NaN                   NaN
345                     NaN                   NaN
346                     NaN                   NaN
347                     NaN                   NaN
348                     NaN                   NaN
```

349	NaN	NaN
350	NaN	NaN
351	NaN	NaN
352	NaN	NaN

	Number of Times Best Performer	Number of Times Worst Performer \
336	NaN	NaN
337	NaN	NaN
338	NaN	NaN
339	NaN	NaN
340	NaN	NaN
341	NaN	NaN
342	NaN	NaN
343	NaN	NaN
344	NaN	NaN
345	NaN	NaN
346	NaN	NaN
347	NaN	NaN
348	NaN	NaN
349	NaN	NaN
350	NaN	NaN
351	NaN	NaN
352	NaN	NaN

	Secret Task	Social Media Popularity	Finalist	Winner \
336	NaN	<NA>	<NA>	NaN
337	NaN	<NA>	<NA>	NaN
338	NaN	<NA>	<NA>	NaN
339	NaN	<NA>	<NA>	NaN
340	NaN	<NA>	<NA>	NaN
341	NaN	<NA>	<NA>	NaN
342	NaN	<NA>	<NA>	NaN
343	NaN	<NA>	<NA>	NaN
344	NaN	<NA>	<NA>	NaN
345	NaN	<NA>	<NA>	NaN
346	NaN	<NA>	<NA>	NaN
347	NaN	<NA>	<NA>	NaN
348	NaN	<NA>	<NA>	NaN
349	NaN	<NA>	<NA>	NaN
350	NaN	<NA>	<NA>	NaN
351	NaN	<NA>	<NA>	NaN
352	NaN	<NA>	<NA>	NaN

	Season Length in weeks	Evictions Faced Percentage
336	18	<NA>
337	18	<NA>
338	18	<NA>

```
339                   18                        <NA>
340                   18                        <NA>
341                   18                        <NA>
342                   18                        <NA>
343                   18                        <NA>
344                   18                        <NA>
345                   18                        <NA>
346                   18                        <NA>
347                   18                        <NA>
348                   18                        <NA>
349                   18                        <NA>
350                   18                        <NA>
351                   18                        <NA>
352                   18                        <NA>
```

[76]:
```python
# Bigg Boss Hindi Housemate's Gender
print(bigg_boss.loc[(bigg_boss['Language']==lang), 'Gender'].value_counts(),
 ↪"\n")
```

```
Gender
Female        184
Male          166
Transgender     2
Name: count, dtype: int64
```

[77]:
```python
# Telugu BiggBoss Housemate's Age
print(bigg_boss.loc[(bigg_boss['Language']==lang), 'Age'].value_counts(), "\n")
```

```
Age
Middle    16
Young      8
Name: count, dtype: int64
```

[78]:
```python
print("\nTop 2 Hindi contestants who faced maximum number of evictions\n")
tmax=bigg_boss.loc[(bigg_boss['Language']==lang), 'Number of Evictions Faced'].
 ↪max()
print(bigg_boss.loc[(bigg_boss['Language']==lang) & (bigg_boss['Number of␣
 ↪Evictions Faced']>=tmax-1)][["Season Number","Name","Number of Evictions␣
 ↪Faced"]].head(8).sort_values("Number of Evictions Faced",ascending=False).
 ↪to_string(index=False))
```

```
Top 2 Hindi contestants who faced maximum number of evictions

Season Number          Name  Number of Evictions Faced
           14 Rubina Dilaik                         14
```

```
[79]: print("\nTop 2 Hindi contestants who faced maximum percentage of evictions␣
      ↪(they were in nominations almost every week)\n")
      tpmax=bigg_boss.loc[(bigg_boss['Language']==lang), 'Evictions Faced␣
      ↪Percentage'].max()
      print(bigg_boss.loc[(bigg_boss['Language']==lang) & (bigg_boss['Evictions Faced␣
      ↪Percentage']>=tpmax-16)][["Season Number","Name","Number of Evictions␣
      ↪Faced","Season Length in weeks","Evictions Faced Percentage"]].head(8).
      ↪sort_values("Evictions Faced Percentage",ascending=False).
      ↪to_string(index=False))
```

Top 2 Hindi contestants who faced maximum percentage of evictions (they were in
nominations almost every week)

```
Season Number           Name  Number of Evictions Faced  Season Length in weeks
Evictions Faced Percentage
    Halla Bol  Dimpy Ganguly                          4                       4
100
    Halla Bol Sambhavna Seth                          4                       4
100
```

0.14   Preparing Data for ML modelling

```
[80]: # Handling NULL values
      bigg_boss.isnull().sum()
```

```
[80]: Language                     0
      Season Number                0
      Name                         0
      Profession                   0
      Gender                       1
      Age                        835
      Entry Date                 131
      Elimination Date           851
      Elimination Week Number    190
      Contestant Number           79
      Wild Card                    0
      Season Length                0
      Number of Housemates         0
      Season Start Date            0
      Season End Date              0
      Host Name                    0
      Guest Host Name            902
      Prize Money (INR)           65
      Broadcasted By              78
```

```
OTT Platform                            412
Average TRP                             454
Most Viewed States                        0
House Location                            0
OTT Season                                0
Season Slogan                           572
Season Theme                            639
Number of Evictions Faced                41
Number of Times Elected as Captain       98
Number of Re-entries                     72
Walked                                   70
Ejected                                  72
In Secret-Room                         1008
Won Eviction Free Pass                 1021
Won Ticket to Finale                   1023
Number of Times Best Performer         1024
Number of Times Worst Performer         999
Secret Task                            1036
Social Media Popularity                 864
Finalist                                 71
Winner                                   63
Season Length in weeks                    0
Evictions Faced Percentage               41
dtype: int64
```

[81]:
```python
# Removing records where Name field is empty
bigg_boss = bigg_boss.loc[bigg_boss.Name.notnull()]
bigg_boss.reset_index(drop=True,inplace=True)
```

[82]:
```python
# Contestant might have faced at least one eviction, so filling NaN with
 ↪'Number of Evictions Faced' with 1
bigg_boss['Number of Evictions Faced'] = bigg_boss['Number of Evictions Faced'].
 ↪fillna(1)

# Number of re-entries are very less, so filling NULLs in 'Number of
 ↪re-entries' with 0
bigg_boss['Number of Re-entries'] = bigg_boss['Number of Re-entries'].fillna(0)

# Filling blank values in 'Average TRP' column with average
bigg_boss['Average TRP'] = bigg_boss['Average TRP'].fillna(bigg_boss['Average
 ↪TRP'].mean())

# Filling NULLs in 'Number of times elected as Captain' with 0
bigg_boss['Number of Times Elected as Captain'] = bigg_boss['Number of Times
 ↪Elected as Captain'].fillna(0)
```

```
[83]: bigg_boss['Season Starting Year'] = bigg_boss['Season Start Date'].dt.year.
       ↪astype(pd.Int32Dtype())
       bigg_boss['Season Ending Year'] = bigg_boss['Season End Date'].dt.year.
       ↪astype(pd.Int32Dtype())
       bigg_boss['Season Starting Quarter'] = bigg_boss['Season Start Date'].dt.
       ↪quarter.astype(pd.Int32Dtype())
       bigg_boss['Season Ending Quarter'] = bigg_boss['Season End Date'].dt.quarter.
       ↪astype(pd.Int32Dtype())
       bigg_boss.info()
```

```
<class 'pandas.core.frame.DataFrame'>
RangeIndex: 1045 entries, 0 to 1044
Data columns (total 46 columns):
 #   Column                          Non-Null Count  Dtype
---  ------                          --------------  -----
 0   Language                        1045 non-null   object
 1   Season Number                   1045 non-null   object
 2   Name                            1045 non-null   object
 3   Profession                      1045 non-null   object
 4   Gender                          1044 non-null   object
 5   Age                             210 non-null    object
 6   Entry Date                      914 non-null    datetime64[ns]
 7   Elimination Date                194 non-null    datetime64[ns]
 8   Elimination Week Number         855 non-null    Int32
 9   Contestant Number               966 non-null    float64
 10  Wild Card                       1045 non-null   object
 11  Season Length                   1045 non-null   int64
 12  Number of Housemates            1045 non-null   int64
 13  Season Start Date               1045 non-null   datetime64[ns]
 14  Season End Date                 1045 non-null   datetime64[ns]
 15  Host Name                       1045 non-null   object
 16  Guest Host Name                 143 non-null    object
 17  Prize Money (INR)               980 non-null    float64
 18  Broadcasted By                  967 non-null    object
 19  OTT Platform                    633 non-null    object
 20  Average TRP                     1045 non-null   float64
 21  Most Viewed States              1045 non-null   object
 22  House Location                  1045 non-null   object
 23  OTT Season                      1045 non-null   object
 24  Season Slogan                   473 non-null    object
 25  Season Theme                    406 non-null    object
 26  Number of Evictions Faced       1045 non-null   Int32
 27  Number of Times Elected as Captain 1045 non-null   Int32
 28  Number of Re-entries            1045 non-null   Int32
 29  Walked                          975 non-null    float64
 30  Ejected                         973 non-null    float64
 31  In Secret-Room                  37 non-null     float64
```

```
32   Won Eviction Free Pass            24 non-null     float64
33   Won Ticket to Finale              22 non-null     float64
34   Number of Times Best Performer    21 non-null     float64
35   Number of Times Worst Performer   46 non-null     float64
36   Secret Task                        9 non-null     object
37   Social Media Popularity          181 non-null     Int32
38   Finalist                         974 non-null     Int32
39   Winner                           982 non-null     float64
40   Season Length in weeks          1045 non-null     Int32
41   Evictions Faced Percentage      1004 non-null     Int32
42   Season Starting Year            1045 non-null     Int32
43   Season Ending Year              1045 non-null     Int32
44   Season Starting Quarter         1045 non-null     Int32
45   Season Ending Quarter           1045 non-null     Int32
dtypes: Int32(12), datetime64[ns](4), float64(11), int64(2), object(17)
memory usage: 338.9+ KB
```

[84]: `bigg_boss.head()`

[84]:

	Language	Season Number	Name	Profession	Gender	Age
0	Hindi	1	Amit Sadh	Soap Actor	Male	NaN
1	Hindi	1	Anupama Verma	Model	Female	NaN
2	Hindi	1	Aryan Vaid	Pageant Winner	Male	NaN
3	Hindi	1	Bobby Darling	Activist	Transgender	NaN
4	Hindi	1	Carol Gracias	Model	Female	NaN

	Entry Date	Elimination Date	Elimination Week Number	Contestant Number
0	2006-11-03	NaT	10	5.0
1	2006-11-03	NaT	5	8.0
2	2006-11-03	NaT	4	9.0
3	2006-11-03	NaT	1	12.0
4	2006-11-03	2007-01-26	12	2.0

	Wild Card	Season Length	Number of Housemates	Season Start Date
0	No	86	15	2006-11-03
1	No	86	15	2006-11-03
2	No	86	15	2006-11-03
3	No	86	15	2006-11-03
4	No	86	15	2006-11-03

	Season End Date	Host Name	Guest Host Name	Prize Money (INR)
0	2007-01-26	Arshad Warsi	NaN	0.0
1	2007-01-26	Arshad Warsi	NaN	0.0
2	2007-01-26	Arshad Warsi	NaN	0.0
3	2007-01-26	Arshad Warsi	NaN	0.0
4	2007-01-26	Arshad Warsi	NaN	0.0

```
   Broadcasted By OTT Platform  Average TRP  \
0         Sony            NaN         2.72
1         Sony            NaN         2.72
2         Sony            NaN         2.72
3         Sony            NaN         2.72
4         Sony            NaN         2.72


                              Most Viewed States House Location  \
0  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…       Lonavala
1  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…       Lonavala
2  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…       Lonavala
3  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…       Lonavala
4  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…       Lonavala


  OTT Season Season Slogan Season Theme  Number of Evictions Faced  \
0         No           NaN          NaN                          2
1         No           NaN          NaN                          1
2         No           NaN          NaN                          1
3         No           NaN          NaN                          1
4         No           NaN          NaN                          5


   Number of Times Elected as Captain  Number of Re-entries  Walked  Ejected  \
0                                   0                     0     0.0      0.0
1                                   0                     0     0.0      0.0
2                                   0                     0     0.0      0.0
3                                   0                     0     0.0      0.0
4                                   0                     0     0.0      0.0


  In Secret-Room  Won Eviction Free Pass  Won Ticket to Finale  \
0            NaN                     NaN                   NaN
1            NaN                     NaN                   NaN
2            NaN                     NaN                   NaN
3            NaN                     NaN                   NaN
4            NaN                     NaN                   NaN


   Number of Times Best Performer  Number of Times Worst Performer  \
0                             NaN                              NaN
1                             NaN                              NaN
2                             NaN                              NaN
3                             NaN                              NaN
4                             NaN                              NaN


  Secret Task  Social Media Popularity  Finalist  Winner  \
0         NaN                     <NA>         0     0.0
1         NaN                     <NA>         0     0.0
2         NaN                     <NA>         0     0.0
3         NaN                     <NA>         0     0.0
```

```
4          NaN                      <NA>       1     0.0

   Season Length in weeks  Evictions Faced Percentage  Season Starting Year  \
0                      12                            17                  2006
1                      12                             8                  2006
2                      12                             8                  2006
3                      12                             8                  2006
4                      12                            42                  2006

   Season Ending Year  Season Starting Quarter  Season Ending Quarter
0                2007                        4                      1
1                2007                        4                      1
2                2007                        4                      1
3                2007                        4                      1
4                2007                        4                      1
```

[85]: `bigg_boss.tail()`

[85]:
```
          Language Season Number            Name           Profession  Gender  Age  \
1040     Malayalam             5  Sruthi Lakshmi         Soap Actress  Female  NaN
1041     Malayalam             5    Vishnu Joshi      Fitness Trainer    Male  NaN
1042     Malayalam             5   Hanan Hameed  Social Media Star  Female  NaN
1043     Malayalam             5       Omar Lulu       Film Director    Male  NaN
1044     Malayalam             5      Anu Joseph         Soap Actress  Female  NaN

       Entry Date Elimination Date  Elimination Week Number  Contestant Number  \
1040 2023-03-26              NaT                        8               17.0
1041 2023-03-26              NaT                       12                6.0
1042        NaT              NaT                        3               19.0
1043        NaT              NaT                        6               20.0
1044        NaT              NaT                       10               21.0

       Wild Card  Season Length  Number of Housemates Season Start Date  \
1040         No             99                    21        2023-03-26
1041         No             99                    21        2023-03-26
1042        Yes             99                    21        2023-03-26
1043        Yes             99                    21        2023-03-26
1044        Yes             99                    21        2023-03-26

       Season End Date Host Name Guest Host Name  Prize Money (INR)  \
1040      2023-07-02  Mohanlal             NaN                0.0
1041      2023-07-02  Mohanlal             NaN                0.0
1042      2023-07-02  Mohanlal             NaN                0.0
1043      2023-07-02  Mohanlal             NaN                0.0
1044      2023-07-02  Mohanlal             NaN                0.0

       Broadcasted By    OTT Platform  Average TRP Most Viewed States  \
```

```
1040          Asianet   Disney+ Hotstar      8.912487              Kerala
1041          Asianet   Disney+ Hotstar      8.912487              Kerala
1042          Asianet   Disney+ Hotstar      8.912487              Kerala
1043          Asianet   Disney+ Hotstar      8.912487              Kerala
1044          Asianet   Disney+ Hotstar      8.912487              Kerala


      House Location OTT Season                              Season Slogan  \
1040          Mumbai      No  Battle of the Originals - The Fire Explodes!
1041          Mumbai      No  Battle of the Originals - The Fire Explodes!
1042          Mumbai      No  Battle of the Originals - The Fire Explodes!
1043          Mumbai      No  Battle of the Originals - The Fire Explodes!
1044          Mumbai      No  Battle of the Originals - The Fire Explodes!


      Season Theme  Number of Evictions Faced  \
1040          NaN                          3
1041          NaN                          6
1042          NaN                          0
1043          NaN                          1
1044          NaN                          2


      Number of Times Elected as Captain  Number of Re-entries  Walked  \
1040                                   0                     0     0.0
1041                                   1                     0     0.0
1042                                   0                     0     1.0
1043                                   0                     0     0.0
1044                                   0                     0     0.0


      Ejected  In Secret-Room  Won Eviction Free Pass  Won Ticket to Finale  \
1040     0.0             NaN                     NaN                   NaN
1041     0.0             NaN                     NaN                   NaN
1042     0.0             NaN                     NaN                   NaN
1043     0.0             NaN                     NaN                   NaN
1044     0.0             NaN                     NaN                   NaN


      Number of Times Best Performer  Number of Times Worst Performer  \
1040                             NaN                              NaN
1041                             NaN                              3.0
1042                             NaN                              NaN
1043                             NaN                              2.0
1044                             NaN                              NaN


      Secret Task  Social Media Popularity  Finalist  Winner  \
1040          NaN                     <NA>         0     0.0
1041          NaN                     <NA>         0     0.0
1042          NaN                     <NA>         0     0.0
1043          NaN                     <NA>         0     0.0
1044          NaN                     <NA>         0     0.0
```

```
        Season Length in weeks  Evictions Faced Percentage  \
1040                        14                          21
1041                        14                          43
1042                        14                           0
1043                        14                           7
1044                        14                          14

        Season Starting Year  Season Ending Year  Season Starting Quarter  \
1040                    2023                2023                        1
1041                    2023                2023                        1
1042                    2023                2023                        1
1043                    2023                2023                        1
1044                    2023                2023                        1

        Season Ending Quarter
1040                        3
1041                        3
1042                        3
1043                        3
1044                        3
```

[86]: ```
Updating last week-end elimination/entries manually
bigg_boss.iloc[325,34] = 0
```

[87]: ```
train = bigg_boss.loc[(bigg_boss['Winner'].notnull()), :]
train.sample(10)
```

[87]:
```
        Language Season Number                           Name          Profession  \
680       Telugu             7                  Damini Bhatla              Singer
1042   Malayalam             5                  Hanan Hameed  Social Media Star
329        Hindi        OTT S2                   Jiya Shankar        Soap Actress
783        Tamil             5                 Raju Jeyamohan              Actor
1001   Malayalam             3  Firoz Khan & Sajna Firoz    Actor & Actress
859      Marathi             1               Sharmishtha Raut            Actress
325        Hindi        OTT S2                 Bebika Dhurve        Soap Actress
1018   Malayalam             4                   Shalini Nair       Video Jockey
372      Kannada             2                Deepika Kamaiah            Actress
197        Hindi            11              Sabyasachi Satpathy          TV Anchor

        Gender     Age Entry Date Elimination Date  Elimination Week Number  \
680    Female  Middle 2023-09-03       2023-09-24                        3
1042   Female     NaN        NaT             NaT                        3
329    Female     NaN 2023-06-17             NaT                        8
783      Male  Middle 2021-10-03             NaT                     <NA>
1001     Pair     NaN        NaT             NaT                        9
859    Female     NaN        NaT             NaT                       14
```

```
325     Female      NaN 2023-06-17                    NaT                            8
1018    Female      NaN 2022-03-27                    NaT                            3
372     Female      NaN 2014-06-29                    NaT                           14
197      Male       NaN 2017-10-01             2017-11-12                           6


       Contestant Number Wild Card  Season Length  Number of Housemates  \
680                   3.0       No            105                    19
1042                 19.0      Yes             99                    21
329                   2.0       No             57                    15
783                   2.0       No            105                    20
1001                 16.0      Yes             95                    18
859                  16.0      Yes             98                    18
325                   8.0       No             57                    15
1018                  6.0       No             98                    20
372                   NaN       No             98                    15
197                   5.0       No            106                    19


      Season Start Date Season End Date          Host Name Guest Host Name  \
680         2023-09-03      2023-12-17          Nagarjuna             NaN
1042        2023-03-26      2023-07-02           Mohanlal             NaN
329         2023-06-17      2023-08-14         Salman Khan             NaN
783         2021-10-03      2022-01-16        Kamal Haasan   Ramya Krishnan
1001        2021-02-14      2021-05-20           Mohanlal             NaN
859         2018-04-15      2018-07-22   Mahesh Manjrekar             NaN
325         2023-06-17      2023-08-14         Salman Khan             NaN
1018        2022-03-27      2022-07-03           Mohanlal             NaN
372         2014-06-29      2014-10-05             Sudeep             NaN
197         2017-10-01      2018-01-14         Salman Khan             NaN


      Prize Money (INR)   Broadcasted By     OTT Platform  Average TRP  \
680                 0.0         Star Maa  Disney+ Hotstar     8.912487
1042                0.0          Asianet  Disney+ Hotstar     8.912487
329                 0.0              NaN        JioCinema     8.912487
783           3800000.0       Star Vijay  Disney+ Hotstar    17.900000
1001                0.0          Asianet  Disney+ Hotstar    12.400000
859                 0.0    Colors Marathi             NaN     8.912487
325                 0.0              NaN        JioCinema     8.912487
1018                0.0          Asianet  Disney+ Hotstar     8.100000
372                 0.0   Asianet Suvarna             NaN     8.912487
197                 0.0           Colors             NaN     7.640000


                                      Most Viewed States House Location  \
680                      Telangana, Andhra Pradesh        Hyderabad
1042                                         Kerala           Mumbai
329    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…       Mumbai
783                                      Tamil Nadu          Chennai
1001                                         Kerala          Chennai
```

```
859                                              Maharashtra        Lonavala
325    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
1018                                              Kerala         Mumbai
372                                              Karnataka       Lonavala
197    Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala

      OTT Season                              Season Slogan Season Theme  \
680          No                                  Ulta Pulta          NaN
1042         No  Battle of the Originals - The Fire Explodes!          NaN
329         Yes                                         NaN      Recycled
783          No                          Expect the unexpected        Nature
1001         No                           The Show Must Go On          NaN
859          No                                         NaN   Traditional
325         Yes                                         NaN      Recycled
1018         No                      Things will be Colourful          NaN
372          No                           Not a Joke at all          NaN
197          No                     Neighbors will ring twelve        Padosi

      Number of Evictions Faced  Number of Times Elected as Captain  \
680                           2                                   0
1042                          0                                   0
329                           5                                   1
783                           8                                   0
1001                          7                                   0
859                           5                                   0
325                           4                                   0
1018                          2                                   0
372                           6                                   1
197                           3                                   1

      Number of Re-entries  Walked  Ejected  In Secret-Room  \
680                      0     NaN      NaN             NaN
1042                     0     1.0      0.0             NaN
329                      0     0.0      0.0             NaN
783                      0     0.0      0.0             NaN
1001                     0     0.0      1.0             NaN
859                      0     0.0      0.0             NaN
325                      0     0.0      0.0             NaN
1018                     0     0.0      0.0             NaN
372                      0     0.0      0.0             NaN
197                      0     0.0      0.0             NaN

      Won Eviction Free Pass  Won Ticket to Finale  \
680                      NaN                   NaN
1042                     NaN                   NaN
329                      NaN                   NaN
783                      NaN                   NaN
```

1001	NaN	NaN
859	NaN	NaN
325	NaN	NaN
1018	NaN	NaN
372	NaN	NaN
197	NaN	NaN

	Number of Times Best Performer	Number of Times Worst Performer
680	NaN	NaN
1042	NaN	NaN
329	NaN	NaN
783	NaN	NaN
1001	3.0	NaN
859	NaN	NaN
325	NaN	NaN
1018	NaN	NaN
372	NaN	NaN
197	NaN	NaN

	Secret Task	Social Media Popularity	Finalist	Winner
680	NaN	<NA>	0	0.0
1042	NaN	<NA>	0	0.0
329	NaN	<NA>	0	0.0
783	NaN	10	1	1.0
1001	NaN	<NA>	0	0.0
859	NaN	<NA>	1	0.0
325	NaN	6	1	0.0
1018	NaN	<NA>	0	0.0
372	NaN	<NA>	1	0.0
197	NaN	<NA>	0	0.0

	Season Length in weeks	Evictions Faced Percentage
680	15	13
1042	14	0
329	8	62
783	15	53
1001	14	50
859	14	36
325	8	50
1018	14	14
372	14	43
197	15	20

	Season Starting Year	Season Ending Year	Season Starting Quarter
680	2023	2023	3
1042	2023	2023	1
329	2023	2023	2

```
783                  2021                 2022                         4
1001                 2021                 2021                         1
859                  2018                 2018                         2
325                  2023                 2023                         2
1018                 2022                 2022                         1
372                  2014                 2014                         2
197                  2017                 2018                         4

        Season Ending Quarter
680                         4
1042                        3
329                         3
783                         1
1001                        2
859                         3
325                         3
1018                        3
372                         4
197                         1
```

[88]:
```python
test = bigg_boss.loc[(bigg_boss['Language']==lang) & (bigg_boss['Winner'].
 ↪isnull()), :]
test

# Participants who are still in current Bigg Boss Hindi season
```

[88]:
```
     Language Season Number                            Name            Profession  \
336     Hindi             17               Abhishek Kumar            Soap Actor
337     Hindi             17              Aishwarya Sharma          Soap Actress
338     Hindi             17               Ankita Lokhande          Soap Actress
339     Hindi             17                 Anurag Dobhal    Social Media Star
340     Hindi             17      Arun Srikanth Mahashetty    Social Media Star
341     Hindi             17      Firoza Khan aka Khanzaadi                Singer
342     Hindi             17                  Isha Malviya          Soap Actress
343     Hindi             17                    Jigna Vora        News Presenter
344     Hindi             17                Mannara Chopra               Actress
345     Hindi             17               Munawar Faruqui              Comedian
346     Hindi             17                    Navid Sole            Pharmacist
347     Hindi             17                    Neil Bhatt            Soap Actor
348     Hindi             17                  Rinku Dhawan          Soap Actress
349     Hindi             17               Sana Raees Khan                Lawyer
350     Hindi             17                 Soniya Bansal               Actress
351     Hindi             17                    Sunny Arya    Social Media Star
352     Hindi             17                     Vikki Jain           Businessman

        Gender     Age Entry Date Elimination Date  Elimination Week Number  \
336       Male     NaN 2023-10-15              NaT                     <NA>
```
```
172
```

```
337  Female     NaN 2023-10-15              NaT                  <NA>
338  Female     NaN 2023-10-15              NaT                  <NA>
339    Male   Young 2023-10-15              NaT                  <NA>
340     NaN     NaN 2023-10-15              NaT                  <NA>
341  Female     NaN 2023-10-15              NaT                  <NA>
342  Female   Young 2023-10-15              NaT                  <NA>
343  Female     NaN 2023-10-15              NaT                  <NA>
344  Female     NaN 2023-10-15              NaT                  <NA>
345    Male     NaN 2023-10-15              NaT                  <NA>
346    Male     NaN 2023-10-15              NaT                  <NA>
347    Male     NaN 2023-10-15              NaT                  <NA>
348  Female  Middle 2023-10-15              NaT                  <NA>
349  Female     NaN 2023-10-15              NaT                  <NA>
350  Female     NaN 2023-10-15              NaT                  <NA>
351    Male     NaN 2023-10-15              NaT                  <NA>
352    Male     NaN 2023-10-15              NaT                  <NA>

     Contestant Number Wild Card  Season Length  Number of Housemates  \
336               16.0        No            127                    17
337                3.0        No            127                    17
338                9.0        No            127                    17
339                6.0        No            127                    17
340               15.0        No            127                    17
341               12.0        No            127                    17
342               17.0        No            127                    17
343                8.0        No            127                    17
344                1.0        No            127                    17
345                2.0        No            127                    17
346                5.0        No            127                    17
347                4.0        No            127                    17
348               14.0        No            127                    17
349                7.0        No            127                    17
350               11.0        No            127                    17
351               13.0        No            127                    17
352               10.0        No            127                    17

    Season Start Date Season End Date   Host Name Guest Host Name  \
336        2023-10-15      2024-02-04  Salman Khan             NaN
337        2023-10-15      2024-02-04  Salman Khan             NaN
338        2023-10-15      2024-02-04  Salman Khan             NaN
339        2023-10-15      2024-02-04  Salman Khan             NaN
340        2023-10-15      2024-02-04  Salman Khan             NaN
341        2023-10-15      2024-02-04  Salman Khan             NaN
342        2023-10-15      2024-02-04  Salman Khan             NaN
343        2023-10-15      2024-02-04  Salman Khan             NaN
344        2023-10-15      2024-02-04  Salman Khan             NaN
345        2023-10-15      2024-02-04  Salman Khan             NaN
```

```
346       2023-10-15       2024-02-04   Salman Khan              NaN
347       2023-10-15       2024-02-04   Salman Khan              NaN
348       2023-10-15       2024-02-04   Salman Khan              NaN
349       2023-10-15       2024-02-04   Salman Khan              NaN
350       2023-10-15       2024-02-04   Salman Khan              NaN
351       2023-10-15       2024-02-04   Salman Khan              NaN
352       2023-10-15       2024-02-04   Salman Khan              NaN


     Prize Money (INR) Broadcasted By OTT Platform  Average TRP  \
336               NaN         Colors   JioCinema     8.912487
337               NaN         Colors   JioCinema     8.912487
338               NaN         Colors   JioCinema     8.912487
339               NaN         Colors   JioCinema     8.912487
340               NaN         Colors   JioCinema     8.912487
341               NaN         Colors   JioCinema     8.912487
342               NaN         Colors   JioCinema     8.912487
343               NaN         Colors   JioCinema     8.912487
344               NaN         Colors   JioCinema     8.912487
345               NaN         Colors   JioCinema     8.912487
346               NaN         Colors   JioCinema     8.912487
347               NaN         Colors   JioCinema     8.912487
348               NaN         Colors   JioCinema     8.912487
349               NaN         Colors   JioCinema     8.912487
350               NaN         Colors   JioCinema     8.912487
351               NaN         Colors   JioCinema     8.912487
352               NaN         Colors   JioCinema     8.912487


                                  Most Viewed States House Location  \
336  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
337  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
338  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
339  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
340  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
341  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
342  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
343  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
344  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
345  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
346  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
347  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
348  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
349  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
350  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
351  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai
352  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Mumbai

    OTT Season        Season Slogan      Season Theme  \
```

```
336        No  Dil, Dimaag aur Dum   Europe streets
337        No  Dil, Dimaag aur Dum   Europe streets
338        No  Dil, Dimaag aur Dum   Europe streets
339        No  Dil, Dimaag aur Dum   Europe streets
340        No  Dil, Dimaag aur Dum   Europe streets
341        No  Dil, Dimaag aur Dum   Europe streets
342        No  Dil, Dimaag aur Dum   Europe streets
343        No  Dil, Dimaag aur Dum   Europe streets
344        No  Dil, Dimaag aur Dum   Europe streets
345        No  Dil, Dimaag aur Dum   Europe streets
346        No  Dil, Dimaag aur Dum   Europe streets
347        No  Dil, Dimaag aur Dum   Europe streets
348        No  Dil, Dimaag aur Dum   Europe streets
349        No  Dil, Dimaag aur Dum   Europe streets
350        No  Dil, Dimaag aur Dum   Europe streets
351        No  Dil, Dimaag aur Dum   Europe streets
352        No  Dil, Dimaag aur Dum   Europe streets

     Number of Evictions Faced  Number of Times Elected as Captain  \
336                          1                                   0
337                          1                                   0
338                          1                                   0
339                          1                                   0
340                          1                                   0
341                          1                                   0
342                          1                                   0
343                          1                                   0
344                          1                                   0
345                          1                                   0
346                          1                                   0
347                          1                                   0
348                          1                                   0
349                          1                                   0
350                          1                                   0
351                          1                                   0
352                          1                                   0

     Number of Re-entries  Walked  Ejected  In Secret-Room  \
336                     0     NaN      NaN             NaN
337                     0     NaN      NaN             NaN
338                     0     NaN      NaN             NaN
339                     0     NaN      NaN             NaN
340                     0     NaN      NaN             NaN
341                     0     NaN      NaN             NaN
342                     0     NaN      NaN             NaN
343                     0     NaN      NaN             NaN
344                     0     NaN      NaN             NaN
```

345	0	NaN	NaN	NaN
346	0	NaN	NaN	NaN
347	0	NaN	NaN	NaN
348	0	NaN	NaN	NaN
349	0	NaN	NaN	NaN
350	0	NaN	NaN	NaN
351	0	NaN	NaN	NaN
352	0	NaN	NaN	NaN

	Won Eviction Free Pass	Won Ticket to Finale \
336	NaN	NaN
337	NaN	NaN
338	NaN	NaN
339	NaN	NaN
340	NaN	NaN
341	NaN	NaN
342	NaN	NaN
343	NaN	NaN
344	NaN	NaN
345	NaN	NaN
346	NaN	NaN
347	NaN	NaN
348	NaN	NaN
349	NaN	NaN
350	NaN	NaN
351	NaN	NaN
352	NaN	NaN

	Number of Times Best Performer	Number of Times Worst Performer \
336	NaN	NaN
337	NaN	NaN
338	NaN	NaN
339	NaN	NaN
340	NaN	NaN
341	NaN	NaN
342	NaN	NaN
343	NaN	NaN
344	NaN	NaN
345	NaN	NaN
346	NaN	NaN
347	NaN	NaN
348	NaN	NaN
349	NaN	NaN
350	NaN	NaN
351	NaN	NaN
352	NaN	NaN

	Secret Task	Social Media Popularity	Finalist	Winner
336	NaN	<NA>	<NA>	NaN
337	NaN	<NA>	<NA>	NaN
338	NaN	<NA>	<NA>	NaN
339	NaN	<NA>	<NA>	NaN
340	NaN	<NA>	<NA>	NaN
341	NaN	<NA>	<NA>	NaN
342	NaN	<NA>	<NA>	NaN
343	NaN	<NA>	<NA>	NaN
344	NaN	<NA>	<NA>	NaN
345	NaN	<NA>	<NA>	NaN
346	NaN	<NA>	<NA>	NaN
347	NaN	<NA>	<NA>	NaN
348	NaN	<NA>	<NA>	NaN
349	NaN	<NA>	<NA>	NaN
350	NaN	<NA>	<NA>	NaN
351	NaN	<NA>	<NA>	NaN
352	NaN	<NA>	<NA>	NaN

	Season Length in weeks	Evictions Faced Percentage	Season Starting Year
336	18	<NA>	2023
337	18	<NA>	2023
338	18	<NA>	2023
339	18	<NA>	2023
340	18	<NA>	2023
341	18	<NA>	2023
342	18	<NA>	2023
343	18	<NA>	2023
344	18	<NA>	2023
345	18	<NA>	2023
346	18	<NA>	2023
347	18	<NA>	2023
348	18	<NA>	2023
349	18	<NA>	2023
350	18	<NA>	2023
351	18	<NA>	2023
352	18	<NA>	2023

	Season Ending Year	Season Starting Quarter	Season Ending Quarter
336	2024	4	1
337	2024	4	1
338	2024	4	1
339	2024	4	1
340	2024	4	1
341	2024	4	1
342	2024	4	1
343	2024	4	1

```
344            2024                    4                    1
345            2024                    4                    1
346            2024                    4                    1
347            2024                    4                    1
348            2024                    4                    1
349            2024                    4                    1
350            2024                    4                    1
351            2024                    4                    1
352            2024                    4                    1
```

[89]:
```python
BB_Hindi_participants = test[['Name']]
BB_Hindi_participants.reset_index(drop=True, inplace=True)
BB_Hindi_participants
```

[89]:
```
                          Name
0               Abhishek Kumar
1             Aishwarya Sharma
2              Ankita Lokhande
3                Anurag Dobhal
4      Arun Srikanth Mahashetty
5     Firoza Khan aka Khanzaadi
6                  Isha Malviya
7                   Jigna Vora
8                Mannara Chopra
9               Munawar Faruqui
10                  Navid Sole
11                  Neil Bhatt
12                Rinku Dhawan
13              Sana Raees Khan
14               Soniya Bansal
15                  Sunny Arya
16                  Vikki Jain
```

[90]:
```python
train.drop(["Name","Entry Date","Elimination Date","Season Start Date","Season
    ↪End Date"], axis=1, inplace=True)
test.drop(["Name","Entry Date","Elimination Date","Season Start Date","Season
    ↪End Date","Winner"], axis=1, inplace=True)
```

[91]:
```python
train.head()
```

[91]:
```
   Language Season Number         Profession         Gender   Age  \
0     Hindi              1        Soap Actor           Male   NaN
1     Hindi              1             Model         Female   NaN
2     Hindi              1    Pageant Winner           Male   NaN
3     Hindi              1          Activist    Transgender   NaN
4     Hindi              1             Model         Female   NaN
```

```
   Elimination Week Number  Contestant Number Wild Card  Season Length  \
0                       10                5.0        No             86
1                        5                8.0        No             86
2                        4                9.0        No             86
3                        1               12.0        No             86
4                       12                2.0        No             86


   Number of Housemates     Host Name Guest Host Name  Prize Money (INR)  \
0                    15  Arshad Warsi             NaN                0.0
1                    15  Arshad Warsi             NaN                0.0
2                    15  Arshad Warsi             NaN                0.0
3                    15  Arshad Warsi             NaN                0.0
4                    15  Arshad Warsi             NaN                0.0


  Broadcasted By OTT Platform  Average TRP  \
0          Sony          NaN         2.72
1          Sony          NaN         2.72
2          Sony          NaN         2.72
3          Sony          NaN         2.72
4          Sony          NaN         2.72


                                 Most Viewed States House Location  \
0  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
1  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
2  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
3  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala
4  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…        Lonavala


  OTT Season Season Slogan Season Theme  Number of Evictions Faced  \
0         No           NaN          NaN                          2
1         No           NaN          NaN                          1
2         No           NaN          NaN                          1
3         No           NaN          NaN                          1
4         No           NaN          NaN                          5


   Number of Times Elected as Captain  Number of Re-entries  Walked  Ejected  \
0                                   0                     0     0.0      0.0
1                                   0                     0     0.0      0.0
2                                   0                     0     0.0      0.0
3                                   0                     0     0.0      0.0
4                                   0                     0     0.0      0.0


   In Secret-Room  Won Eviction Free Pass  Won Ticket to Finale  \
0             NaN                     NaN                   NaN
1             NaN                     NaN                   NaN
2             NaN                     NaN                   NaN
3             NaN                     NaN                   NaN
```

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```
4                NaN                          NaN                          NaN
```

```
   Number of Times Best Performer  Number of Times Worst Performer  \
0                             NaN                              NaN
1                             NaN                              NaN
2                             NaN                              NaN
3                             NaN                              NaN
4                             NaN                              NaN
```

```
   Secret Task  Social Media Popularity  Finalist  Winner  \
0          NaN                     <NA>         0     0.0
1          NaN                     <NA>         0     0.0
2          NaN                     <NA>         0     0.0
3          NaN                     <NA>         0     0.0
4          NaN                     <NA>         1     0.0
```

```
   Season Length in weeks  Evictions Faced Percentage  Season Starting Year  \
0                      12                          17                  2006
1                      12                           8                  2006
2                      12                           8                  2006
3                      12                           8                  2006
4                      12                          42                  2006
```

```
   Season Ending Year  Season Starting Quarter  Season Ending Quarter
0                2007                        4                      1
1                2007                        4                      1
2                2007                        4                      1
3                2007                        4                      1
4                2007                        4                      1
```

[92]: `test.head()`

[92]:
```
     Language Season Number        Profession  Gender     Age  \
336     Hindi            17         Soap Actor    Male     NaN
337     Hindi            17       Soap Actress  Female     NaN
338     Hindi            17       Soap Actress  Female     NaN
339     Hindi            17   Social Media Star    Male   Young
340     Hindi            17   Social Media Star     NaN     NaN
```

```
     Elimination Week Number  Contestant Number Wild Card  Season Length  \
336                     <NA>               16.0        No            127
337                     <NA>                3.0        No            127
338                     <NA>                9.0        No            127
339                     <NA>                6.0        No            127
340                     <NA>               15.0        No            127
```

```
     Number of Housemates   Host Name Guest Host Name  Prize Money (INR)  \
```

```
336                  17  Salman Khan             NaN              NaN
337                  17  Salman Khan             NaN              NaN
338                  17  Salman Khan             NaN              NaN
339                  17  Salman Khan             NaN              NaN
340                  17  Salman Khan             NaN              NaN


    Broadcasted By OTT Platform  Average TRP  \
336         Colors   JioCinema     8.912487
337         Colors   JioCinema     8.912487
338         Colors   JioCinema     8.912487
339         Colors   JioCinema     8.912487
340         Colors   JioCinema     8.912487


                                  Most Viewed States House Location  \
336  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai
337  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai
338  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai
339  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai
340  Maharashtra, Bihar, Delhi, Haryana, Jharkhand,…         Mumbai


    OTT Season        Season Slogan    Season Theme  \
336         No  Dil, Dimaag aur Dum  Europe streets
337         No  Dil, Dimaag aur Dum  Europe streets
338         No  Dil, Dimaag aur Dum  Europe streets
339         No  Dil, Dimaag aur Dum  Europe streets
340         No  Dil, Dimaag aur Dum  Europe streets


    Number of Evictions Faced  Number of Times Elected as Captain  \
336                         1                                   0
337                         1                                   0
338                         1                                   0
339                         1                                   0
340                         1                                   0


    Number of Re-entries  Walked  Ejected  In Secret-Room  \
336                     0     NaN      NaN             NaN
337                     0     NaN      NaN             NaN
338                     0     NaN      NaN             NaN
339                     0     NaN      NaN             NaN
340                     0     NaN      NaN             NaN


    Won Eviction Free Pass  Won Ticket to Finale  \
336                    NaN                   NaN
337                    NaN                   NaN
338                    NaN                   NaN
339                    NaN                   NaN
340                    NaN                   NaN
```

	Number of Times Best Performer	Number of Times Worst Performer \
336	NaN	NaN
337	NaN	NaN
338	NaN	NaN
339	NaN	NaN
340	NaN	NaN

	Secret Task	Social Media Popularity	Finalist	Season Length in weeks \
336	NaN	<NA>	<NA>	18
337	NaN	<NA>	<NA>	18
338	NaN	<NA>	<NA>	18
339	NaN	<NA>	<NA>	18
340	NaN	<NA>	<NA>	18

	Evictions Faced Percentage	Season Starting Year	Season Ending Year \
336	<NA>	2023	2024
337	<NA>	2023	2024
338	<NA>	2023	2024
339	<NA>	2023	2024
340	<NA>	2023	2024

	Season Starting Quarter	Season Ending Quarter
336	4	1
337	4	1
338	4	1
339	4	1
340	4	1

```python
[93]: # Spread of target variable
      print(train['Winner'].value_counts(normalize=True)*100)
```

```
Winner
0.0    94.704684
1.0     5.295316
Name: proportion, dtype: float64
```

```python
[94]: # One Hot Encoding

      target = train.pop('Winner')
      data = pd.concat([train, test])
      dummies = pd.get_dummies(data, columns=data.columns, drop_first=True,
        ↪sparse=True)
      train2 = dummies.iloc[:train.shape[0], :]
      test = dummies.iloc[train.shape[0]:, :]
```

```
[95]: print(train2.shape)
      print(test.shape)
```

```
(982, 458)
(17, 458)
```

```
[96]: train2.isnull().sum().sort_values(ascending=False)
```

```
[96]: Language_Hindi                  0
      Number of Evictions Faced_11    0
      Number of Evictions Faced_9     0
      Number of Evictions Faced_8     0
      Number of Evictions Faced_7     0
                                     ..
      Season Length_112               0
      Season Length_106               0
      Season Length_105               0
      Season Length_102               0
      Season Ending Quarter_4         0
      Length: 458, dtype: int64
```

```
[97]: # train2.drop(["Profession_Doctor"], axis=1, inplace=True)
      # test.drop(["Profession_Doctor"], axis=1, inplace=True)
```

```
[98]: train2.head()
```

```
[98]:    Language_Hindi  Language_Kannada  Language_Malayalam  Language_Marathi  \
      0            True             False               False             False
      1            True             False               False             False
      2            True             False               False             False
      3            True             False               False             False
      4            True             False               False             False

         Language_Tamil  Language_Telugu  Season Number_10  Season Number_11  \
      0           False            False             False             False
      1           False            False             False             False
      2           False            False             False             False
      3           False            False             False             False
      4           False            False             False             False

         Season Number_12  Season Number_13  Season Number_14  Season Number_15  \
      0             False             False             False             False
      1             False             False             False             False
      2             False             False             False             False
      3             False             False             False             False
      4             False             False             False             False
```

```
    Season Number_16  Season Number_17  Season Number_2  Season Number_3  \
0            False             False             False            False
1            False             False             False            False
2            False             False             False            False
3            False             False             False            False
4            False             False             False            False


    Season Number_4  Season Number_5  Season Number_6  Season Number_7  \
0            False            False            False            False
1            False            False            False            False
2            False            False            False            False
3            False            False            False            False
4            False            False            False            False


    Season Number_8  Season Number_9  Season Number_Halla Bol  \
0            False            False                    False
1            False            False                    False
2            False            False                    False
3            False            False                    False
4            False            False                    False


    Season Number_Non-Stop  Season Number_OTT  …  Season Starting Year_2021  \
0                   False              False  …                      False
1                   False              False  …                      False
2                   False              False  …                      False
3                   False              False  …                      False
4                   False              False  …                      False


    Season Starting Year_2022  Season Starting Year_2023  \
0                     False                      False
1                     False                      False
2                     False                      False
3                     False                      False
4                     False                      False


    Season Ending Year_2008  Season Ending Year_2009  Season Ending Year_2011  \
0                   False                    False                    False
1                   False                    False                    False
2                   False                    False                    False
3                   False                    False                    False
4                   False                    False                    False


    Season Ending Year_2012  Season Ending Year_2013  Season Ending Year_2014  \
0                   False                    False                    False
1                   False                    False                    False
2                   False                    False                    False
3                   False                    False                    False
```

```
4                      False                   False                   False

   Season Ending Year_2015  Season Ending Year_2016  Season Ending Year_2017  \
0                    False                    False                    False
1                    False                    False                    False
2                    False                    False                    False
3                    False                    False                    False
4                    False                    False                    False

   Season Ending Year_2018  Season Ending Year_2019  Season Ending Year_2020  \
0                    False                    False                    False
1                    False                    False                    False
2                    False                    False                    False
3                    False                    False                    False
4                    False                    False                    False

   Season Ending Year_2021  Season Ending Year_2022  Season Ending Year_2023  \
0                    False                    False                    False
1                    False                    False                    False
2                    False                    False                    False
3                    False                    False                    False
4                    False                    False                    False

   Season Ending Year_2024  Season Starting Quarter_2  \
0                    False                      False
1                    False                      False
2                    False                      False
3                    False                      False
4                    False                      False

   Season Starting Quarter_3  Season Starting Quarter_4  \
0                      False                       True
1                      False                       True
2                      False                       True
3                      False                       True
4                      False                       True

   Season Ending Quarter_2  Season Ending Quarter_3  Season Ending Quarter_4
0                    False                    False                    False
1                    False                    False                    False
2                    False                    False                    False
3                    False                    False                    False
4                    False                    False                    False

[5 rows x 458 columns]
```

[99]: `target.values`

```
[99]: array([0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 1.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0.,
       0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 1., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0.,
       0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 1.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
```

```
       0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0.,
       1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 1., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 1., 0., 0., 0., 0., 0., 0.,
       0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0., 0.])
```

```
[100]: x_train, x_val, y_train, y_val = train_test_split(train2, target, test_size=0.
        ↪25, random_state=2023)
       print(x_train.shape, x_val.shape)
```

```
(736, 458) (246, 458)
```

```
[101]: x_train.isnull().sum().sort_values(ascending=False)
```

```
[101]: Language_Hindi                0
       Number of Evictions Faced_11  0
       Number of Evictions Faced_9   0
       Number of Evictions Faced_8   0
       Number of Evictions Faced_7   0
                                    ..
       Season Length_112             0
       Season Length_106             0
       Season Length_105             0
       Season Length_102             0
       Season Ending Quarter_4       0
       Length: 458, dtype: int64
```

0.15 Machine Learning Modelling

```
[102]: def plot_confusion_matrix():
           cm = confusion_matrix(y_val, y_predicted_val).T
           cm = cm.astype('float')/cm.sum(axis=0)
           ax = sns.heatmap(cm, annot=True, cmap='Blues')
           ax.set_xlabel('True Label', size=12)
           ax.set_ylabel('Predicted Label', size=12)
```

```
[103]: # Logistic Regression
       for c in [1, 10, 100, 1000, 10000]:
           lr = LogisticRegression(random_state=2023, C=c).fit(x_train, y_train)
           print ("F1 score for C=%s: %s" % (c, f1_score(y_val, lr.predict(x_val),␣
        ↪average='weighted')*100))
```

```
F1 score for C=1: 95.76711250983477
F1 score for C=10: 96.94042472577829
F1 score for C=100: 97.4191410392365
F1 score for C=1000: 97.4191410392365
F1 score for C=10000: 97.4191410392365
```

[104]:
```python
logi = LogisticRegression(random_state=2023, C=100).fit(x_train, y_train)
logi
```

[104]: LogisticRegression(C=100, random_state=2023)

[105]:
```python
predicted_val_logi = logi.predict_proba(x_val)[:, 1]
y_predicted_val = (predicted_val_logi > 0.3).astype("int").ravel()
print('F1 Score -', f1_score(y_val, y_predicted_val, average='weighted')*100)
print('Accuracy Score -', accuracy_score(y_val, y_predicted_val)*100)
```

```
F1 Score - 97.8817346105725
Accuracy Score - 97.96747967479675
```

[106]:
```python
# Confusion Matrix
plot_confusion_matrix()

# TP 0.99 TN 1
```
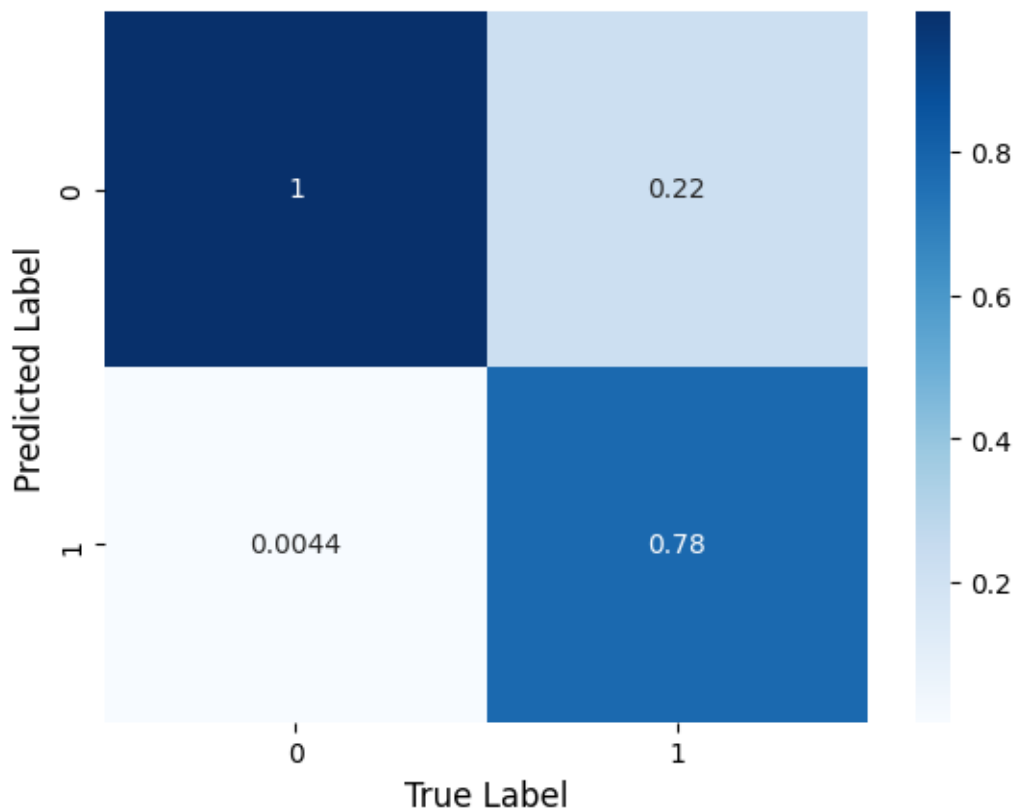
```
[107]: predicted_val_logi = logi.predict_proba(test)[:, 1]
       winner_lg = pd.concat([BB_Hindi_participants, pd.DataFrame(predicted_val_logi,␣
         ↪columns=['Predicted_Winner'])],axis=1)
       winner_lg.sort_values('Predicted_Winner', ascending=False).style.hide()
```

[107]: <pandas.io.formats.style.Styler at 0x7ca676d3bfd0>

0.16   Predicted Winner for Bigg Boss Hindi Season 17, as per Logistic Regression

```
[108]: # Predicted Winner for Bigg Boss Hindi 17 Season, as per LogisticRegression
       winner_lg[winner_lg['Predicted_Winner'] == np.amax(winner_lg.Predicted_Winner)].
         ↪style.hide()
```

[108]: <pandas.io.formats.style.Styler at 0x7ca676ce7940>

```
[109]: # Random Forest
       rf = RandomForestClassifier(n_estimators=200, random_state=2023).fit(x_train,␣
         ↪y_train)
       rf
```

[109]: RandomForestClassifier(n_estimators=200, random_state=2023)

```
[110]: predicted_val_rf = rf.predict_proba(x_val)[:, 1]
       y_predicted_val = (predicted_val_rf > 0.3).astype("int").ravel()
       print('F1 Score -', f1_score(y_val, y_predicted_val, average='weighted')*100)
       print('Accuracy Score -', accuracy_score(y_val, y_predicted_val)*100)

       # n_estimators=200 accuracy 98.22
```

```
F1 Score - 95.55485165241264
Accuracy Score - 95.9349593495935
```

```
[111]: # Confusion Matrix
       plot_confusion_matrix()

       # TP 1 TN 1
```
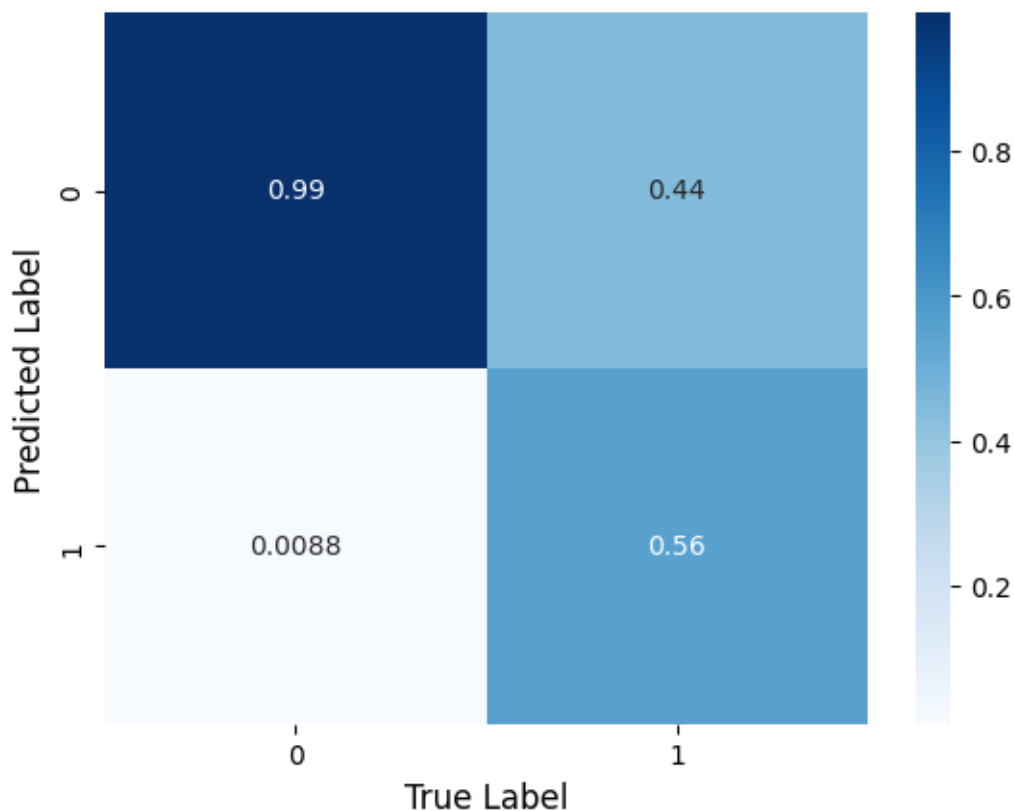
```
[112]: predicted_val_rf = rf.predict_proba(test)[:,1]
       winner_rf = pd.concat([BB_Hindi_participants, pd.DataFrame(predicted_val_rf,␣
        ↪columns=['Predicted_Winner'])],axis=1)
       winner_rf.sort_values('Predicted_Winner', ascending=False).style.hide()
```

[112]: <pandas.io.formats.style.Styler at 0x7ca676cfae30>

0.17 Predicted Winner for Bigg Boss Hindi Season 17, as per Random Forest

```
[113]: # Predicted Winner for Bigg Boss Hindi 17 Season, as per RandomForest
       winner_rf[winner_rf['Predicted_Winner'] == np.amax(winner_rf.Predicted_Winner)].
        ↪style.hide()
```

[113]: <pandas.io.formats.style.Styler at 0x7ca67f969360>

[114]:
```python
# Word cloud of Bigg Boss Languages
text = " BiggBoss ".join(cat for cat in bigg_boss['Language'])
wordcloud = WordCloud(width=2000, height=1500, background_color='Black',
 ↪colormap='Set1', collocations=False, random_state=2023).generate(text)
plt.figure(figsize=(15, 10))
plt.imshow(wordcloud)
plt.axis("off")
plt.show()
```

```
[115]:  # Correlation matrix (Heatmap style)
        corrmat = bigg_boss.corr(numeric_only=True)
        f, ax = plt.subplots(figsize=(23, 16))
        plt.title('Pearson Correlation of Features', y=1.05, size=15)
        sns.heatmap(corrmat, vmax=1.0, linewidths=0.1, square=True, cmap="RdBu",
         ↪linecolor='white', annot=True);
```

Pearson Correlation of Features
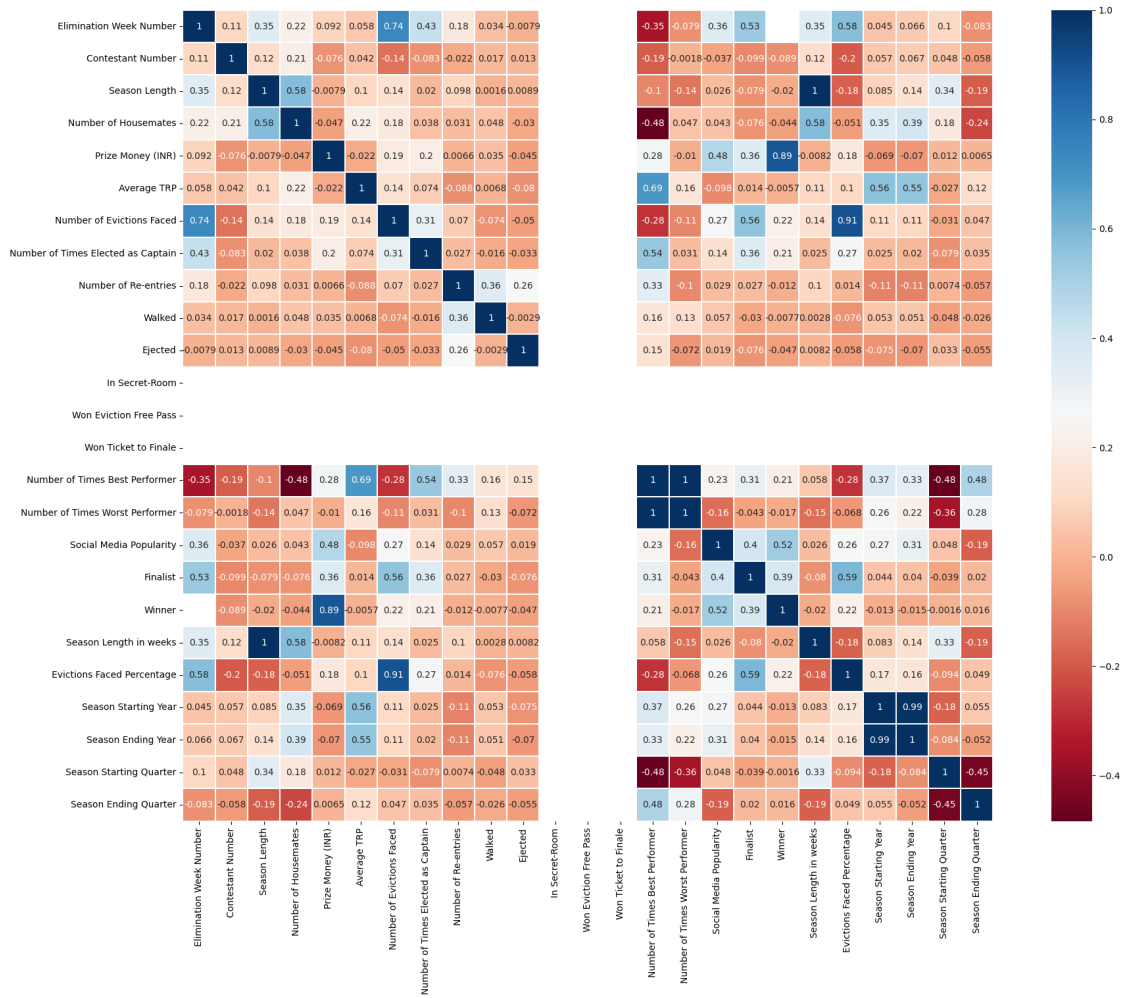
[116]:
```python
# Word cloud of Bigg Boss Season Slogans
text = " BiggBoss ".join(str(cat) for cat in bigg_boss['Season Slogan'])
wordcloud = WordCloud(width=2000, height=1500, background_color='white',
 colormap='Set3', collocations=False, random_state=2023).generate(text)
plt.figure(figsize=(15, 10))
plt.imshow(wordcloud)
plt.axis("off")
plt.show()
```
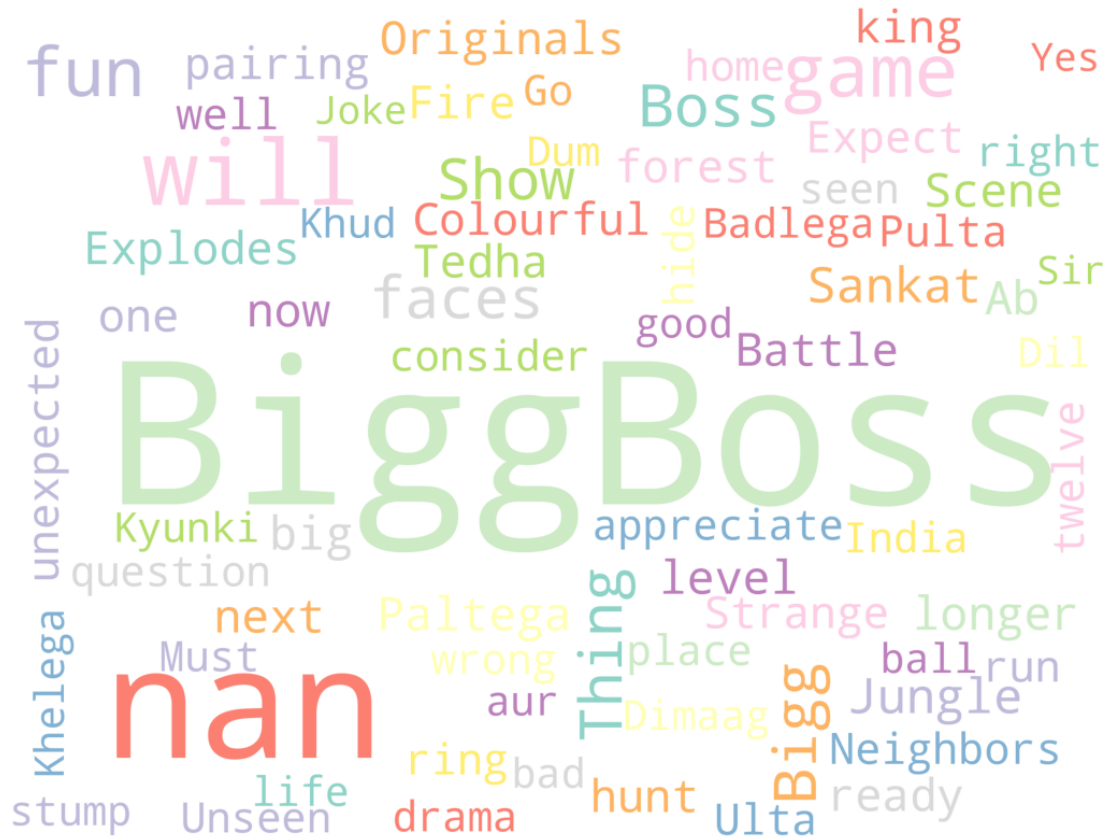
```python
print("numpy version: {}". format(np.__version__))
print("pandas version: {}". format(pd.__version__))
import matplotlib
print("matplotlib version: {}". format(matplotlib. __version__))
print("seaborn version: {}". format(sns.__version__))
import sklearn
print("sklearn version: {}". format(sklearn.__version__))
import plotly
print("plotly version: {}". format(plotly.__version__))

# Current versions
# numpy version: 1.23.5
# pandas version: 2.0.3
# matplotlib version: 3.7.2
# seaborn version: 0.12.2
# sklearn version: 1.2.2
# plotly version: 5.15.0
```

numpy version: 1.23.5
pandas version: 2.0.3
matplotlib version: 3.7.2

```
seaborn version: 0.12.2
sklearn version: 1.2.2
plotly version: 5.15.0
```

[ ]: