

Github link: https://github.com/arpan21020/CSE508_Winter2024_2021020/tree/main/Assignment-3

```
#Total number of rows for the product
len(df)
```

[2] ✓ 0.0s

.. 436441

```
.. Number of Reviews: 367053
Average Rating Score: 4.0760598605650955
Number of Unique Products: 8033
Number of Good Ratings: 312705
Number of Bad Ratings: 54348

Number of Reviews corresponding to each Rating:
Rating 5.0: 203460 reviews
Rating 4.0: 71509 reviews
Rating 3.0: 37736 reviews
Rating 1.0: 29110 reviews
Rating 2.0: 25238 reviews
```

Top 20 most reviewed brands:

brand

Sony	22677
Sennheiser	17762
Bose	9184
Audio-Technica	6466
JVC	5840
Etre Jeune	5417
Philips	5058
Panasonic	5027
EldHus	4811
Mpow	4682
Bluedio	4498
Koss	4488
Symphonized	4034
TaoTronics	3851
iNassen	3817
V-MODA	3815
MEE audio	3677
Beats	3483
Plantronics	3482
Kinivo	3482

Name: count, dtype: int64

Top 20 least reviewed brands:

brand	
KinGHonor	3
VersionTECH	3
MicroMall	3
Best Compu	3
GENERIC	3
ANRANK	3
Keeda	3
HSL	3
DetectorPro	3
AiSpeed Direct	3
Bradychan	3
Wireless Transit	3
XXMANX	3
Vk	3
iMac4Life-US	2
AIRDRIVES	2
Hamee	2
CCM	2
California Cable Market	2
Honda	1

Name: count, dtype: int64

Title with the most number of ratings greater than or equal to 3:
Sony MDRZX100 Headphones (Black)

[+ Code](#)

[+ Markdown](#)

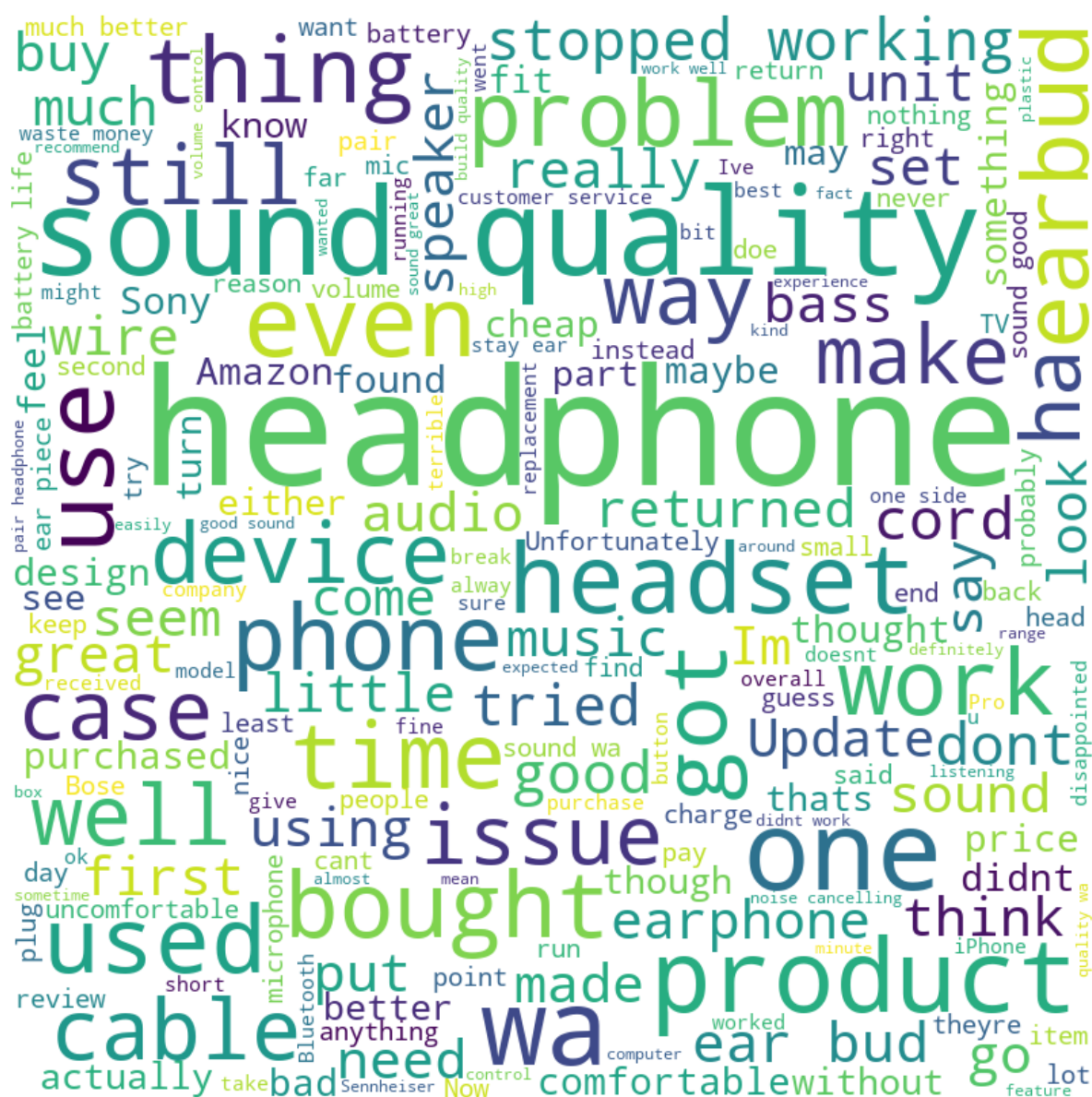
Count of ratings for the product over 5 consecutive years:

year	
2018	18569

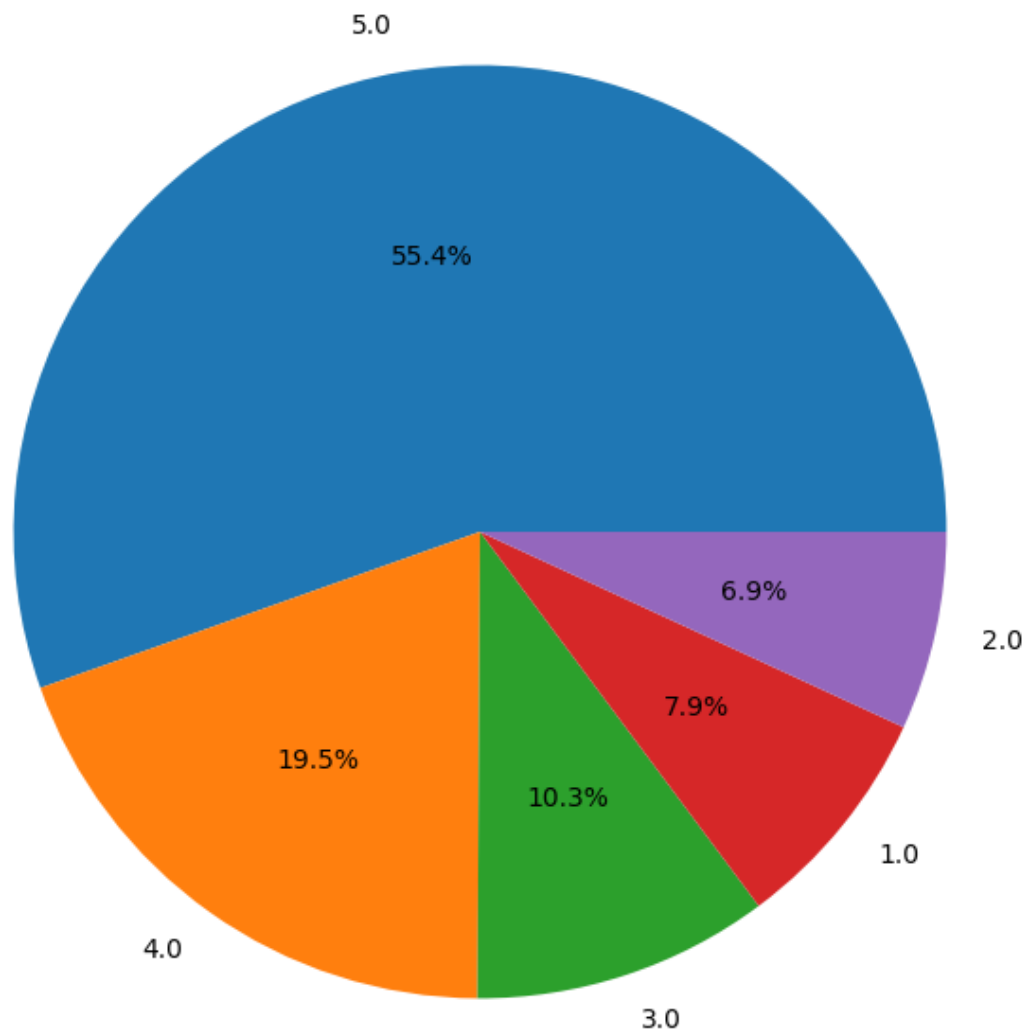
Name: overall, dtype: int64

[illegible]

Bad reviews words:



Distribution of Ratings vs. the No. of Reviews



Year with maximum reviews:
2016

Year with the highest number of customers:
2016