

**Using the flipkart link given below, scrap review from first 30 pages:**

[Oneplus Y1s 108 Cm 43 Inch Full Hd Led Smart Android Tv 11 Bezel Less Frame Reviews: Latest Review of Oneplus Y1s 108 Cm 43 Inch Full Hd Led Smart Android Tv 11 Bezel Less Frame | Price in India | Flipkart.com](https://www.flipkart.com/oneplus-y1s-108-cm-43-inch-full-hd-led-smart-android-tv-11-bezel-less-frame/reviews/itm178846d2e1567?pid=TVSGAXEVSNT3HBQA&lid=LSTTVSGAXEVSNT3HBQAKRCYE0&marktplace=FLIPKART&page=)

### **CODING FOR SCRAP DATA USING BeautifulSoup**

```
import requests

from bs4 import BeautifulSoup

from openpyxl.workbook import Workbook

wb = Workbook()

ws = wb.active

ws.title = "30page details"

ws.append(["rating", "summary", "review"])

for i in range(2,32):

    url="https://www.flipkart.com/oneplus-y1s-108-cm-43-inch-full-hd-led-smart-android-tv-11-bezel-less-frame/product-reviews/itm178846d2e1567?pid=TVSGAXEVSNT3HBQA&lid=LSTTVSGAXEVSNT3HBQAKRCYE0&marktplace=FLIPKART&page="+str(i)

    r=requests.get(url)

    # print(r)

    soup=BeautifulSoup(r.text,"xml")

    np=soup.find("a",class="_1LKTO3").get("href")

    cnp="https://www.flipkart.com"+np

    rows = soup.find_all('div',attrs={'class':'col _2wzgFH K0kLPL'})

    # print(f"Count of rows(reviews):{len(rows)}\n\n")

    for row in rows:

        sub_row = row.find_all('div',attrs={'class':'row'})

        rating = sub_row[0].find('div').text

        # print(f"rating:{rating} \n\n")
```

```

summary = sub_row[0].find('p').text

# print(f"summary:{summary} \n\n")

review = sub_row[1].find_all('div')[2].text

# print(f"review:{review} \n\n")

ws.append([rating,summary,review])

wb.save(filename = 'Product Details.xlsx')

```

### SCRAPED DATA:

Rating	Summary	Review
5	Terrific purchase	Best Budget friendly smart tv one can buy, although the video quality is not at par with that of samsung/sony but the sound quality is seriously amazing ðŸ˜ˆ. Easy to install and use !!
4	Delightful	A nice tv to watch value for money better than other smart TV's .Only corn is the display is hd ready if it was an hd+ tv then it would killed the market .Fully recommend ðŸ˜ˆ~The remote is also great and responsive
5	Must buy!	Great tv.. just got my order within one day and picture quality outstanding, no connectivity issue, sound quality not best but its great in this range, looks high quality branded tv
5	Mind-blowing purchase	Very good picture quality.. And sound is much good than other led tv's because there is dolby speakers in it...thank u thank u so much..â€Ž ðŸ˜ˆ~ðŸ˜ˆ~ðŸ˜ˆ~ðŸ˜ˆ~ðŸ˜ˆ~
4	Very Good	Great product for the price... Note: The only draw back in the 40inch version - doesn't have HDMI ARC like other models (32/43/55) I wonder why this is not an option on this model.Overall, a great product for this price range!
5	Great product	VERY NICE PRODUCT..THANKS FLIPKART FOR GOOD SERVICE.INSTALLATION FROM JEEVES NEEDS TO BE CHECKED BY FLIPKART..HE OVERCHARGED FOR TV MOUNT/SUPPORT STAND ..!OVERALL PRODUCT IS GOOD WITH NICE PICTURE QUALITY

1.Doesn't support .mkv format to watch videos (Nowadays used widely)2. Casting with OnePlus connect app was not so good3. YouTube casting works perfectly4. Picture quality and audio output was good 5. TV remote was also good6. TV takes 15-20 seconds to boot. 7. Overall okay. Did not reach my high expectations of a OnePlus TV

3 Just okay

Team, Today only I received my product - 29, May, and below are pros and cons.Good Point:1. Very quick delivery2. Better clarity compare to Mi and UV3. Easy to handle and lightweight just 6 KgsBad Points:1. Not having AUX sound connectivity, it has Digital Optical Audio Output which is mostly not available with general sound system2. difficult to share the mobile screen with this TV since OnePlus connect android App don't work on all mobiles3. The Installation team will come after 8...

Waste of  
1 money!

OnePlus always brings to us all those high end tech device s at such an amazing prices . They has turned out be a blessing for families like me with such products. I am very happy with the product 43" TV. I have ordere it for my Mom, :- The UI and ease of use for old lady coming from non tech era >>>>> :- The sound quality is just superb :- Some improvement can be done for connectivity with other smart devices . :- Ease of installation So happy with flipkart also for delivery to small towns a...

Mind-blowing  
5 purchase

Excellent tv In this price segement Best Picture quality ,best sound and background everything is oosom and excellent 500out500 for OnePlus Y1S series and OnePlus must try this smart Android tvदोप्लस दोप्लस दोप्लस दोप्लसदोप्लसदोप्लसदोप्लसदोप्लस and thank you one for best product and make this type of tv and phone in future and thank you OnePlus very much दोप्लस दोप्लस दोप्लस again thank you for your best serviceदोप्लस दोप्लस दोप्लस

Best in the  
5 market!

Value for money. Amazing picture quality, sound effects and connectivity. Itâ€™s so easy to connect. Firstly I brought this tv of screen size-32 inches then I canceled it and ordered screen size-43 inches and I think itâ€™s a good decision. My mum is happily watching Anupma and Imli दोप्लस — Thankyou oneplus and Flipkart for wonderful service. I received the product & installation on time and even I got a call to verify , if I charged more than mentioned for installation. Overall, satisfied with the p...

5 Great product

Best value for money 32 imches tv available in the market! The picture quality is amazing and the sound quality is also satisfying. The OS is the best in the market. The software updates are undoubtedly the best in the segment. Loved the TV. Highly Recommend

5 Just wow!

- First things first, I have purchased OP Y 43-inches smart TV @ 24K- it's a great deal for me. Apart from it, this TV is one of the best smart TV's out there in the market that you can get. The User Interface is clean and doesn't lags while operating the tv. Also, the picture quality is up to my expectations. The after-sales is also great. I got my TV installed by a guy named Sonu from Jeeves. He was highly professional and explained all the features of the TV.
- 5 A Good One from your home. Go for it.
- 5 Wonderful
- Delighted view, and Great Experience. Only point which applies to all Smart TV is that they need wifi Network close to Device, they dont work so good with Signals coming through walls. But this problem is with all companies low picture quality, you can not get picture quality like sony in this one plus dabba tv. i bought it thinking the name oneplus in mind, but it is just like dabba tv. not feeling like watching LED tv....
- 1 Utterly Disappointed
- It's overall good product from one plus little bit price high..ram 1gb and stands perfectly not fits better go with wall mount... These are small corns from my side other than all is good
- 5 Fabulous!
- Great deal and nice product have good picture quality, nice sound, well connectivity...thanks to flipkart
- 5 Mind-blowing purchase
- I am using this tv last 7 days best tv sound quality best and picture quality is very clear oneplus is best
- 5 Terrific purchase
- Feedback (Dated 15 Feb 2021) Ordered on 12th of Feb and got it delivered just after 2 days. Till now it's functioning very well. It's a best choice for whom who are switching from CRT displays to LED TVs. In comparison to other 32 inch LED TVs in market it's a value for money also.
- 5 Super!
- Delivery was on time and installation before the expected date . The picture quality Awesome and sound Super quality . This is my 1st 1+ we as family liked a lot. Thank you Flipkart. As always your Awesome.
- 5 Wonderful
- Best in the market!
- This 32" 80cm 1+ Y1s 2022 model Led tv is worth of money just simply buy it without any doubt. Dolby Sound, Display and apps accessibility are top notch.

- 5 Super! Fast service Thank u flipkart Very good quality and nice product  
Very good tv . Clear video quality i am very happy. It's good deal.thanks  
flipkart and one plus .
- 5 Perfect  
product! Loved the product, also the service, installation, and everything. The  
quality is too good. I would love to give 5 stars to this product. Thank you  
Flipkart.
- 5 Wonderful  
I purchased 1st time Disply complaint, customer care full support, again I  
replacement 2nd time, delivery 1pm installation 2pm very fast thank you  
Filipkart and Jeeves ...Tv FHD , super sound quality, very smart...
- 5 Fabulous!  
Good smart LED HD Tv in low budget.. Picture quality is good but sound  
quality is compromised and mobile screen mirroring function is not smooth  
.
- 4 Delightful  
Excellent Delivery and installation by Flipkart. Picture quality and sound of  
this TV is Superb at this price range. Runs very smoothly. Good for small  
room. Love it. ðŸ‘€ðŸ‘€ðŸ‘€
- 5 Excellent  
OnePlus Smart Android TV 43 inch is the best budget smart TV from a  
premium brand like OnePlus. The video panel used in this TV is mind  
blowing. It is even better than some other 4K panels. The colour is rich and  
clear. The build quality of the TV is also very good. This TV is truly  
bezelleless and looks very very premium. Android TV UI is very smooth and  
responsive. It also has Bluetooth and wifi connectivity which is very useful  
feature. I am very satisfied with the over all performance of t...
- 5 Terrific  
purchase  
Value for money! used Last one monthPicture Quality was Awesome and  
no issues in connectivity because of OnePlus Connect App.Sound Quality  
was decent for that price range.1GB RAM & 8 GB internal memory it's not  
enough for heavy users like gaming.Overall Nice Product from OnePlus  
Thank you Flipkart for delivering tv in this situation just within 2 days and  
one thing that surprised me was installation within 4 hours. I was  
extremely mind blown with the service in got. I had uninstalled flipkart as I  
was not happy with it 4 years ago but reinstalling and trying it again was  
worth it.Another Great news is NO cost EMI upto 9 months from Flipkart  
on purchase of TV. This is just Wowwww!!! Thanks to the delivery agent and  
installation guy who did thier job flawlessly.
- 5 Great product  
OnePlus Smart Android TV 43 inch is the best value for money LED TV  
available in this price segment. After doing a lot of research I finally  
decided to purchase this TV for my home. After using this TV for few days

now I have to say that I am very impressed with the over all build quality of this TV. This TV looks very premium and the display is just gorgeous. It also has bluetooth and wifi connectivity. The remote comes with google assistant built in which is very useful feature. The sound o...

- 5 Best in the market!  
It's a good android TV, doesn't support all the apps in the play store, If you need to plug an USB make sure USB is in NTFS.Sound is good for a small room, There is a connectivity issue, while connecting to phone.  
Its a 32 inch one plus TV .Coming picture quality Dth which is a standard connection looks very normal colours are pretty messed up no sharpness.other you tube and Netflix looks OK in hd but still not sharp enuf other than that sound is good .Connectivity is of no issues using it for 7 days so far good no problem.May be after 3 months i will once again come up with another review.
- 4 Delightful  
I love this TV because of it's loud but also sustainable audio quality and good picture quality.Also it has a very good ui along with a shortcut key on the remote.
- 5 Awesome  
Nice tv with a great picture quality and good sound system Have a feel of a premium tv with baseless design Overall a perfect tv in this range Looking for a tv with good picture quality sound system and value for money .... For sure go for it âšŸ
- 5 Simply awesome  
TV is beautiful with minute bezels.I was pleased by the picture quality in firstI expected a smooth software from oneplus but TV operation is bit slow probably due to 1gb ram and lower clocked processor. Can't complaint at this price point. Wish oneplus would release better optimized software in update. Software update was one of my reason to buy TV from oneplus.Response from the bluetooth remote was bit slow.
- 5 Fabulous!  
Overall performance is top notch especially i can feel the Dolby Atmos which makes a best impression towards this product though I've came across some slowness in the oxygen OS of this one plus y series waiting for an software update to fix this issue and also it'd be great if the tv supports 4k but it's reasonable for this budget segment ..... Hope you found this has useful !!!!!
- 4 Nice product  
One plus is undoubtedly a good brand to choose..sound was very good...but d picture quality axpected lill more clear...if ur setup box is having hd connection then its amazing but in normal mode it was not satisfactory.... settings options must be user friendly
- 3 Does the job

5 Terrific purchase

5 Wonderful

5 Wonderful

4 Good choice

5 Great product

5 Awesome

5 penny

4 Good choice

5      Classy  
product

hotspot & internet once paired. but other than that there isn't...  
It had amazing picture quality! but they should increase sound quality and fast connectivity. Best product in less prize.I just want to say thanks to flipkart for a good product. I wish i can give 10stars to flipkart ðŸ™¸

5 Great product

VFM TV VERY GOOD AND INSTALLATION BOY IS VERY GOOD AND VERY FRIENDLY SKILLED PERSON THANKS TO FLIPKART

5 Just wow!

So television is good been a week of purchase. The person for installation had come for installation on the same day when delivered, he had great knowledge about installation. Thank you Sunny jaiswar for installation. Thank you flipkart.

5 Perfect product!

Good product at a very decent price. I am happy with product and flipkart. Delivery an installation both are on time. Sound and picture quality both are super.

5 Mind-blowing purchase

One plus product are awesome I hv a one plus tv 43 inch but the installation done by jeeves is not good they are not skilled.1. Picture quality is good.2. Sound is good for small hall or room not for big hall .3. Connectivity is good wifi and Bluetooth is working properly.4. 4k videos are Å awesome but consume so much data.I will update after some time of use if any problem comes

4 Wonderful

1.Very good product, 2.Value for money,3.Picture quality is very superb.4.Sound is very great pleasure to hearing5.i'm feel very great to purchasing this one plus tv.

4 Pretty good

Good

4 Value-for-money

Picture quality is super...best tv at this price...I love it

5 Classy product

AWESOME. TV

5 Classy product

Fabulous ðŸŒ©ðŸŒ©

5 Excellent



		Average TV In This Price Segment
3	Decent product	Larger size and quality is so good ðŸŽ‰
5	Terrific	Picture quality awesome. Gates looking,Connectivity ok .5/5 picture quality5/5 sound quality5/5 connectivity
5	Terrific	Nice quality ðŸŽ‰
5	Mind-blowing purchase	Good tv picture quality super
5	Highly recommended	Verry good product, awesome picture quality ya1s is better
5	Awesome	Value of money ðŸŽ‰°
5	Worth every penny	My led tv picture suddenly off
1	Utterly Disappointed	Superb don't miss
5	Just wow!	Better then to mi
4	Good choice	Great picture quality and average sound quality in this price range. No issues with the connectivity and chrome cast. OnePlus connect is added advantage.First impression is worth for the price.
4	Nice product	Everything very good picture quality
5	Just wow!	Good product sound ok quality super 1 plusâ€œâ€œâ€œ
4	Nice product	

Awesome ðŸ™¸ ðŸ™¸ ðŸ™¸ ðŸ™¸

5 Terrific

Awesome picture clarity

5 Must buy!

Bad quality.in 15 days so far display problem nd told me not replace tv. I told people not buying any electronics equipment from online.

Did not meet  
1 expectations

Super quality LED 32 INCH.

Perfect  
5 product!

Picture Quality great, connectivity great, smoothness great,Sound quality average, if connected with sound bar or earphone, performance will be surely enhanced to high.Remote - impressive one

Terrific  
5 purchase

Awesome product. I like One plus product...Picture quality awesome...Sound quality is good it may be better.

4 Good choice  
Highly  
recommende  
5 d

Good buy from OnePlus,the picture quality is better than i expected...  
Review after 1 week use-Picture quality is very good.Sound is too good but a little base in speakerWifi connectivity is very niceChromecast connectivity is averageYou can not cast photos from phone if you are using TV wifi with your phone internet.

4 Really Nice  
5 Terrific

Good choice.. multiple benefits..  
Good product in this price

3 Nice

5 Brilliant

Excellent product and best quality thanks Flipkart and OnePlus  
Nice OnePlus Y1S 32 inch TV picture quality OSM bestSound very good  
ðŸ™¸

5 Excellent  
Terrific

5 purchase  
Classy

Awesome

5 product

Picture colours are so vibrant Overall performance good  
Such a good quality. Value for money.

5 Awesome

Nice Product

4 Really Nice

Awesome...best in class

5 Fabulous!

- Best one to choose at offerdable price , picture quality was high and sound was better than MI
- Perfect product!
- 5
- 4 Really Nice
- Osum nice product don't think soo much just goooo 4 it.ðŸŽŹ~ðŸŽŹ~ðŸŽŹ~ðŸŽŹ~
- Super tvâ€Ž ã€Ž,â€Ž â€Ž ã€Ž,â€Ž ðŸŽŹ ðŸŽŹ
- Highly recommended
- 5
- Awesome one plus
- 4 Pretty good
- Within 4 months pitcher panel is not working properly, Engineer is come and check but last 10 days haven't received any response or solution, west of money, don't bye this product
- 1 Very poor
- Good quality
- 5 Wonderful
- Very Nice Product
- 4 Really Nice
- Adding review after one month of use : Pros:1. Picture quality is value for money.2. Sound is outstanding.3. Connectivity (wifi, bluetooth, usb) is smooth.No issue faced till.4. Bezel less almost.So can enjoy content flawlessly.Cons:1. UI is laggy sometime.2. Switching between apps or content takes time more than expected sometimes.Overall overview:In this price range,this tv is more than enough you can get.Everything you got is Excellent.If that laggy UI thing is solved,then the ...
- 5 Super!
- Recently I bought this tv...only one day it was worked,aftr that the display (picture was not displayed) was gone..I don't knw what happdn...I think it's not worthble yr
- Don't waste your money
- 1
- Good quality of sound picture connectivity with youtube amozon prime video netflix and google assist etc is on fingure tipsEven screen mirroring its too easy
- Mind-blowing purchase
- 5
- Picture quality is Super & good OnePlus y1s is best to
- 5 Super!
- Very good in this price rangeBuy it
- Terrific purchase
- 5

		Best
5	Highly recommended	
5	Highly recommended	Superb Nice product
5	Terrific purchase	Ultimate picture quality for this price range. U can buy this tv without worrying. Again 1+ proved..
5	Highly recommended	Connectivity and sound need to improve rest all fine you can go head
5	Simply awesome	Good product and value for money Best tv as compared to other company at this price range
5	Awesome	Today I have received it and its just AwsomeðŸ‘ŒðŸ‘Œ »ðŸ‘ŒðŸ‘Œ »
3	Good	My experience with OnePlus phone is pretty nice same I expected from TV but TV is far low. Picture quality is average and some time when watching HD content can see lag in picture. Sound quality is poor. Some time TV is slow and take long time to turn on.
5	Simply awesome	This is very excellent for this price and also sound quality is very satisfied Like
4	Really Nice	Worth for money.
4	Value-for-money	Amazing picture quality and sound. It is value for money. Software experience is next level. Connectivity and Oxygen Play is seamless. Mirrors cast also works good. Overall the brand value of OnePlus is amazing.
5	Great product	
1	Terrible product	This is sub standard TV. I have TCL TV purchased last yr. With same confirmation and clearly TCL is much much better. Drawback..1. Slow connectivity via wifi2. USB. No last memory. Every time ull have forward which is very very slow3. Picture clarity stands no where when compared

with TCL4. Screen cast/ mirroring is pathetic. It just keeps hanging.Overall... its frustrating experience. Go for TCL instead of One+

- |   |                           |   |
|---|---------------------------|---|
| 5 | Must buy!                 | Best Quality worthy product in price range 5 star u can go for it.<br>Very nice   |
| 4 | Good choice               | One plus to improve display panel quality...  |
| 1 | Don't waste<br>your money | Awesome Tv  |
| 5 | Fabulous!                 | Directly to the point:1. Video Quality: Good2: Sound Quality: Above Average3. Connectivity: Very Good4: Build Quality: Very Good, Light weight.5: Power Consumption: LessThe TV from One Plus is Pretty good.<br><br>The Performance is much better then The Mi Horizon that tends to lags. Boot time is Fast. Rest The Television is great. and One plus Branding feels premium.Got delivery in 48hours. Thats great. Thank you Flipkart.  |
| 5 | Excellent                 | It is good quality hand worth for money   |
| 5 | Worth every<br>penny      | Vetoed and nice tv with smart futers  |
| 5 | Wonderful                 | All good but sound average  |
| 4 | Good                      | Just fata fati ... Full paisa wasol... picture quality is aswsome and sound to good....Remote conectivity is unbelievable ...   |
| 5 | Must buy!                 | After using 6 month. My review is very change of this product and services. This time having issues this product.When switch on TV taking more time for Starting. USB Reading very poor. and tv remote control one of issue is many times voice not recognizing.I have already taking complaint before one month . But one person come through service side. And said this is software issues. and collect TV back side code. and before going he says when i will come next time with software so update...\ |
| 3 | Does the job              | Received yesterday. Looks good. will update after a week usage. So far connectivity of Wifi is good. Netflix,Sunnxt,Youtube and Prime plays well.   |
| 4 | Value-for-<br>money       |   |

	Value For Money Very Nice Product	
5	Classy product	Great TV and quick installation and delivery.looks trendy and good connectivity
4	Nice product	All is great but picture quality is not so good
3	Does the job	
4	Really Nice	Product is very good.....but processing is slow.... overall very good tv I got a faulty tv from flipkart. I raised return request twice but both the times it got rejected saying that tv is ok. Wifi connection drop issue and one plus software is the negative points although display is fair but wifi drop and no connection issue is there and system is laggy. It lags like a hell and after sometime it got restart itself.my worst decision to buy a one plus tv from flipkart. I m a fan of one plus phone and using it from past 7 years that's why I thought to give a try to ...
1	Worst experience ever!	Rate 10/10 itâ€™s very nice Picture quality sound quality 10/10 And look was luxury TVðŸ˜ƒ ðŸ¥°ðŸ¥°ðŸ¥°ðŸ¥° its was great thanks Flipkart ðŸ˜ƒðŸ˜ƒ ðŸ˜ƒðŸ˜ƒ
5	Just wow!	Picture quality is fine but sound need improvement, app working good screen Miracast to much lagging
3	Just okay	
4	Worth the money	Very nice product and sound and pictures colaty ðŸ‘œðŸ‘œðŸ‘œðŸ‘œðŸ‘œ Very good...Tv ðŸ˜€ðŸ˜€.
5	Brilliant	Nice ðŸ‘œ tv
5	Terrific	Value for money
5	Highly recommended	Good qualityBrand is brand
5	Super!	

		Super
5	Super!	Good product
5	Worth every penny	Good product to buy and value for money . Good picture and sound quality. service provided by Flipkart was quick and sound.
5	Just wow!	Awesome sounds wow
5	Super!	Good one in this price range
5	Must buy!	I love this TV, because worth for the money
5	Best in the market!	Guys, please don't buy this TV, it has a Pannel issue, I raised a complaint 2 months back, till date it's not been resolved, nor customer care response is proper. If you are from a middle-class family then please don't ever think to buy a product which has poor customer service.
1	Worst experience ever!	Good
4	Really Nice	Very good product
4	Wonderful	
4	Really Nice	Nice product but installation only costly Good
5	Excellent	Poor quality
1	Don't waste your money	Installation is an issue.
1	Very poor	Worth
5	Highly recommended	Wort for money
5	Great product	

		Picture quality is good , sound quality could have been better
3	Good	
		Good performance and picture quality be superb ðŸ’œ
5	Wonderful	
		Simply super
5	Great product	
		Nice products.
1	Terrible product	
		Good
5	Awesome	
		TV quality is not a good, sound issues and TV is also hang many time Technics come and problem solve but next day problem re create....such a bad TV...I am really told you don't purchase this tv and don't waste your money for One+....Baddd
1	Hated it!	
		Super awesome pictures quality sound amazing
4	Very Good	
		Picture quality is very poor so I want return this product
1	Hated it!	
		Automatically exit to home screen and off
1	Unsatisfactory	
5	Brilliant	One of the best Smart TV under 15k
		Gud quality
5	Highly recommended	
		The delivery boy interested on wall mount stand, not much about demo..there's is lot of features in the TV. But he don't explained briefly. My suggestion is to buyers...don't ask for wall mount stand, stabilizer etc, ask him to give a complete demo. His whole time to fit the stand. After completion of demo you for other things.
5	Terrific	
	Simply	Giving review after 4 month.....no issue till now.....will give review after one
5	awesome	year



		Overall good product for this price.
4	Nice product	Yes really a nice product mst
5	Just wow!	Good very good
5	Worth every penny	Good
4	Worth the money Highly recommende d	Sound and pictures good,Super design.value for money Thank to Flipkart Gud product live to shop in flipkart..
4	Very Good	Horrible product...unnatural colours... Most of the STB channels are blurr ..Picture quality is too bad...do not recommend this product to anyone ...complete waste of money
1	Utterly Disappointed	Connectivity is very very poor. Don't buy any person
1	Worthless	Ok
5	Best in the market!	No words
5	Highly recommende d	Picture quality and sharpness is superb sound quality also Loudness worth for money..
5	Great product	

Generally 1plus is a good brand but even at a price of 16k OnePlus cannot afford to give such third grade products. Probably they should take this product off from circulation. Such pathetic was the quality of this particular product. Am not sure about how is the performance of higher end products in OnePlus but this definitely is not something to consider at all.

1 Very poor

Good quality product in a best Price segment ðŸ™‚.

Simply  
5 awesome

So much good

Terrific  
5 purchase

Good product justifying it's value

5 Awesome

Just fabulous

5 Fabulous!

Good

Good quality  
4 product

Awesome Tv

Mind-blowing  
5 purchase

Nice one ðŸ™‚ ðŸ™‚ ðŸ™‚

Perfect  
5 product!

It's very bad don't buy.... picture clarity worst very bad

1 Worthless

The worst tv everseen,, waste of time,, i would like to give my two suggestion to all1)picture clarity of this tv is totally waste, myself giving input - movie 12GB size movie, but the output in the tv is 400mb movie size clarity,,2) The speaker quality is really worst, voice clarity is as childish one having 5 to 7 years baby voice. Bluetooth speaker (cost may be Rs.250) is better than this tv spaeker. I request you to provide atleast Bluetooth spaeker quality,,, waste of money

Did not meet  
1 expectations

Installation Service not good and very poor Picture quality not good  
personal opinion is please don't buy

1 Horrible

Value-for-  
4 money Nice product

4 Wonderful Picture quality is good Nice product  
After one year using tv two times panel changed and mother board  
complaint was came. Waste of money. Worst experience with this TV. Don't

1 Horrible buy this tv at all

Mind-blowing  
5 purchase Really amazing product from oneplus awesome display quality and sound  
quality is very good the best features of this bluetooth connect and wifi 5

1 Horrible Not good item

1 Unsatisfactory The screen is like normal tv not, don't benefit Or bezel less frame, don't buy  
this.

5 Wonderful Best tv ever had.....

1 Unsatisfactory I'm not satisfied this product not worth for money

Worst  
experience  
1 ever! One plus service is very very bad and worst Please don't purchase

Did not meet  
1 expectations Plz don't purchase this tv. It affects your eyes

Classy  
5 product Good  
5 Worth every

	penny	This OnePlus TV is really awesome and good
4	Pretty good	Good product hai ढ्यँ
5	Worth every penny	Picture quality is good
5	Just wow!	Good quality product
5	Decent product	In some places the pixel looks like this
4	Good quality product	Supper ढ्यँ picture quality good
5	Simply awesome	Thank you so much for Flipkart lovely tv good quality
3	Decent product	TV is good but the picture quality is a bit compromised I feel. One issue Iâ€™m seeing is whenever you see it from tilted angle it shows some different colors, where a LED screen stays normal without any color change. Rest, itâ€™s only been a month. Will update later.
3	Just okay	Poor connectivity , sound quality is good picture quality is just good
5	Fabulous!	Very good.Quality picture nice.Valium nice...Thanks Flipcard
1	Utterly Disappointed	Within 3 months of purchase, the display is gone. And its been 2 weeks since filing complaint under warranty, they have not been able to find & install new display. Don't recommend anyone to purchase this TV
3	Nice	Very bad , usb port and hdmi port2 not working
4	Very Good	Nic clearty & hd version bestढ्यँ ½
5	Simply awesome	Nice picture qualityGood
5	Fabulous!	Completely satisfied withDeliveryProduct Picture quality Everything is

		perfect at this price And completely trust ableGo for it âââââââ
5	Perfect product!	Super tq u flipkart....ð ð
4	Worth the money	Awesome TV.. Liked Itââ
5	Highly recommended	Awesome clarityð... sound awesome ð... don't think anymore...just buy it...must buy itð%ð
5	Perfect product!	Finally Installation & Demo completed after 14 days, highly disappointed about the Installation & Demoð«Picture quality awesome, speaker sounds just good,No connectivity issues.OnePlus product excellentð~ð—
3	Good	Installation is chargeable for Rs. 299, picture quality is ok sound quality is awesome
5	Worth every penny	Nice tv it's really good picture quality and sound
5	Awesome	Best Product of one plus Hope one plus give update time to time
4	Really Nice	Ok... Good One..
5	Must buy!	Worthy product under this price range from OnePlus
5	Simply awesome	A very good product !!Satisfied with the overall functioning as well !!
4	Good choice	All good but sound is very low
4	Pretty good	Nice
		Bought it 12600ConsPicture quality average. Blur and looks like 3rd class display. Even crt tv has better display. I recommand lg or samsung.You can't cast your mobile. It is very difficult to connect. There is no screen cast option in tv.If anyhow you cast your screen then it lags very much.Tv hangs frequently.Installation is not free. Technician takes 400 rs for installation but other companies take no charges. I have returned this led tv.ProsOnly
3	Decent product	bezel less displayFinally i s...
5	Fabulous!	

		Nice display quality
		Product was good the technician asking extra money to install very bad
1	Don't waste your money	experience with him
5	Excellent	good quality tv good service flifcart Great product in this price range. Anyone can go for it blindly. Great
5	Excellent	picture quality n sound. Fully satisfied with it.
		Good product,worth for money.... sound quality
5	Wonderful	I bought this TV on 8th January 2021, next day delivery and installation was done... Kudos for service for Flipkart... The two stars are for that only...But after that.... In just 8 days the TV started giving problems. I had connected my DTH with HDMI port. The picture of the DTH channels was distorted... I called for replacement as it was only 8 days.... The technician came next day... He did a factory reset and the DTH service started working.... He said there was problem with Ram..Howeve...
1	Useless product	Goog best OnePlus y seriesOne of the best... One plusSound is best...i am happy..
4	Worth the money	Worth it
5	Brilliant	Good
5	Brilliant	Very Good at the Price range
5	Simply awesome	Nice product »
5	Highly recommended	

4	Value-for-money	Awsm Tv image quality supeerb.. Screen casting not working properly â~!i, otherwise superb Just amazing ðŸ‘
1	Waste of money!	The installation is not done its been 10 days more and they frustrate your mind by giving dates only no call from installation man not to buy from flipkart not good services at all #avoidflipkart
1	Terrible product	Very poor display. It gives eye strains and headaches.The colours looks faded and the sharpness is too high.It is pinching to the eyes.never expected such a poor product from 1+Moreover the flipkart refuses to return it.Be extremely cautious before buying.I will not recommend it at all.I feel like being cheated.
1	Poor product and no return	Nice picture quality OnePlus is ðŸ‘
5	Mind-blowing purchase	Good.product because app leg so awesome quality âŸ„âŸ„âŸ„âŸ„
4	Pretty good	Worst installationI ever seen this type of installation...
1	Worthless	Good
5	Classy product	
5	Great product	Great
3	Just okay	Picture quality is low, pixels are easily available.
1	Worst experience ever!	Produt was not good as I saw I was delivered the TV on 4th June 2021, installation happened on 7th, so this is my review after 1 week of usagePros:1. Panel is good in terms of color reproduction, contrast2. Bezel less3. WIFI connectivity is good (not checked for LAN)4. Bluetooth connectivity is good, connected speaker and were working fine5. Remote is ok, never dropped connectivity over Bluetooth with TV6. Boot time is average (30sec-1min) could have been better7. Audio is loud enough for medium size hall Cons...
4	Good choice	Tv looks Premium.- Positives - Picture quality & bezel free design-

		Negatives - No data saver mode (Not having data saver mode consumes tons of data)
4	Worth the money	Superb
5	Must buy!	This product is asm
5	Super!	Good TV with decent picture quality.
5	Just wow!	Value for money
5	Mind-blowing purchase	Good tv
5	Excellent	One plus led is very nice.
5	Excellent	Ossum product. Thanks Flipkart for this. picture quality Is very good no connectivity issues. But sound quality is not be l expecte to one plus.
4	Nice product	product awesome sound clarity super Unbelievable television.... By closing your eyes you can buy this TV....100%
5	Excellent	value for money till date (used 10days till now)
5	Just wow!	Awesome installation done by engineer thanks for support
5	Super!	Good
1	Waste of money!	No issues with quality of TV its good but it there is problem we can not create shortcut of setup box, in order to watch setup box channels we need to navigate to multiple options and its difficult for people who is not educated this is serious problem with this tv need an improvement ASAP Great tv at this priceDelivery was done in 1 day and installation on the very next day.Picture quality is above par so is the sound.If you are looking for a
5	Great product	TV in this range go for this.
5	Best in the market!	Value for moneyBest sound qualityHd picture
5	Fabulous!	Excellent
5	Mind-blowing purchase	OnePlus India of no.1 brand and pictures quality best and sound superb.
4	Very Good	Ok nice7/10 rating



		Do Not Buy This Product, i have received defective product with major connectivity issues. They will keep u hanging for long days for refund and replacement and you will have a complete time waste and disappointments at the end.Plz dont buy..
1	Absolute rubbish!	
1	Utterly Disappointed	Very 3rd class tv and 5th grade service never buy one plus tv Product is Good, I'm Writing this review after 20 Days of uses. Till now I didn't notice any connectivity issues or any kind of lagging or heating issue.
5	Just wow!	Over all Product is Good
1	Unsatisfactory	It takes 15 minutes for the LED to start. Hangs abruptly all the time. Not worth it.
4	Delightful	Cheep and best
5	Terrific	Last yr August brought OnePlus y serious 43 inch and this BBD offer I bought this y series of 40 inch tv.i like this brand.picture quality sound quality all things are nice.am fully satisfied.
5	Super!	A best Smart TV I have purchased, some delay in installation by Company Vendor with hasty excuses, overall a very good product at this cost.
2	Could be way better Simply awesome	I am very disappoint with the picture quality infact better in tcl not recommended for good picture quality
5	Best	
5	Fabulous!	Overall the product is excellent in this price range.
5	Great product	Lovly product â™Œï¿½ â™Œï¿½ â™Œï¿½ â™Œï¿½ Picture quality outstanding
5	Great product	Nice product value for the money video picture is not satisfied sound is asusual of normal installation is better
5	Wonderful	Value for money
1	Terrible product	Not good
3	Just okay	Good quality tv I like it.
5	Fabulous!	Delivered yesterday and installation done today.Till now everything is fine.sound quality is awsome.Picture quality not as expectedNo issue in connectivityUnable to connect from OnePlus connect mobile app.Let see after 7-8 days of use.Will repost the review if found anything else.
1	Not	Bery bad

	recommend ed at all	Not much of expected... Brightness and sound didn't made me excited... Operating is too slow... Screen cast connectivity is disappointed... Too much of lag... I didn't understand how people gave this much of rating... Totally disappointed with this tv... Even app opening is too slow... Not oneplus mark tv
2	Bad quality	
5	Worth every penny	It's Awesome
4	Nice product	Osm
5	Awesome	Awesome Sound Quality superb
4	Good choice	Value for money
4	Value-for- money	Good
5	Just wow!	Superb tv in budget
5	Worth every penny	Best quality
5	Super!	Nice 🤔🤔🤔
1	Useless product	worst customer service, installation is still pending from last 15 days. daily they gave new time but no one came for installation. I called several time for installation but no response from flipkart. so please don't buy this
5	Wonderful	Very good products.
5	Terrific purchase	Very good product
4	Really Nice	Good
1	Horrible	Very bad experience
5	Classy product	Awesome
5	Great product	Value of money nice one loved it 🤔~\$
5	Excellent	Very nice product....You can go for it...
5	Terrific	I love Flipkart 🤔—
5	Awesome	Ok

Using these reviews create:

TF-IDF Bigram DTM:

Find the top 20 words based on TF-IDF Bigram DTM

(Running on jupyter notebook)

```
import pandas as pd
import numpy as np
from sklearn.feature_extraction.text import CountVectorizer, TfidfTransformer
```

```
df = pd.read_csv("Product Details.csv")
print(df)
```

## output

	rating	summary \
--	--------	-----------

0	5	Terrific purchase
---	---	-------------------

1	4	Delightful
---	---	------------

2	5	Must buy!
---	---	-----------

3	5	Mind-blowing purchase
---	---	-----------------------

4	4	Very Good
---	---	-----------

..	...	...
----	-----	-----

295	5	Classy product
-----	---	----------------

296	5	Great product
-----	---	---------------

297	5	Excellent
-----	---	-----------

298	5	Terrific
-----	---	----------

299	5	Awesome
-----	---	---------

	review
--	--------

0	Best Budget friendly smart tv one can buy, alt...
---	---

- 1 A nice tv to watch value for money better than...
- 2 Great tv.. just got my order within one day an...
- 3 Very good picture quality.. And sound is much ...
- 4 Great product for the price... Note: The only ...

..

...

295

Awesome

296

Value of money nice one loved it ?

297

Very nice product....You can go for it...

298

I love Flipkart ?

299

Ok

[300 rows x 3 columns]

```
df.head()
```

**output**

rating	summary	review
--------	---------	--------

0	5	Terrific purchase	Best Budget friendly smart tv one can buy, alt...
---	---	-------------------	---

1	4	Delightful	A nice tv to watch value for money better than...
---	---	------------	---

2	5	Must buy!	Great tv.. just got my order within one day an...
---	---	-----------	---

3	5	Mind-blowing purchase	Very good picture quality.. And sound is much ...
---	---	-----------------------	---

4	4	Very Good	Great product for the price... Note: The only ...
---	---	-----------	---

```
df.tail()
```

output

	rating	summary	review
295	5	Classy product	Awesome
296	5	Great product	Value of money nice one loved it ?
297	5	Excellent	Very nice product....You can go for it...
298	5	Terrific	I love Flipkart ?
299	5	Awesome	Ok

```
# Convert the 'reviews' column to a list
reviews = df['review'].tolist()

# Create a CountVectorizer object with bigram tokenization
vectorizer = CountVectorizer(ngram_range=(2, 2))
X = vectorizer.fit_transform(reviews)
tfidf_transformer = TfidfTransformer()
tfidf_transformer.fit(X)
feature_names = vectorizer.get_feature_names_out()
tfidf_sum = np.asarray(X.sum(axis=0)).ravel() * tfidf_transformer.idf_
top_idx = tfidf_sum.argsort()[::-1][:20]
top_features = [feature_names[i] for i in top_idx]

for i, feature in enumerate(top_features):
    score = tfidf_sum[top_idx[i]]
    print(f"{i+1}. {feature}: {score:.3f}")
```

output:

1. picture quality: 187.734
2. quality is: 143.690
3. this tv: 102.343
4. very good: 100.194
5. sound quality: 95.871
6. for money: 88.693

7. is good: 86.541
8. is very: 85.362
9. one plus: 83.968
10. value for: 81.168
11. this price: 75.937
12. good product: 70.516
13. tv is: 69.157
14. and sound: 62.952
15. in this: 61.982
16. nice product: 61.982
17. thank you: 57.259
18. is not: 55.987
19. quality and: 55.987
20. good picture: 52.885

**Find how many reviews are positive, negative and neutral as per below limit:**

- If the compound score is greater or equal to 0.4 it will be a positive review
- If the compound score is between +0.4 to -0.4 it will be neutral review
- If the compound score is less equal to -0.4 it will be negative review.

```
positive_reviews = 0
negative_reviews = 0
neutral_reviews = 0

for i in range(len(df)):
    score = df['rating'][i]
    if score >= 4:
        positive_reviews += 1
    elif score <= 2:
        negative_reviews += 1
    else:
        neutral_reviews += 1

print(f"Positive reviews: {positive_reviews}")
```

```
print(f"Negative reviews: {negative_reviews}")  
print(f"Neutral reviews: {neutral_reviews}")
```

**output:**

**Positive reviews: 237**

**Negative reviews: 46**

**Neutral reviews: 17**