

Data visualization and analysis on tata sky channel datasheet

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GROUP-OWN

```
In [1]: from jupyterthemes import get_themes
from jupyterthemes.stylefx import set_nb_theme
```

```
In [2]: set_nb_theme('monokai')
```

Out[2]:

```
In [3]: import pandas as pd
import matplotlib.pyplot as plt
import numpy as np
import seaborn as sns
```

```
In [4]: TaSy_CH=pd.read_csv('C:\\\\Users\\\\HP\\\\Desktop\\\\python pdf\\\\pandas
file\\\\tatasky_channels.csv')
TaSy_CH
```

	Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
0	1	DD National	SD	Hindi Entertainment	114	FTA	0.00
1	2	Star Plus HD	HD	Hindi Entertainment	115	Pay	22.42
2	3	Star Plus	SD	Hindi Entertainment	117	Pay	22.42
3	4	Star Bharat HD	HD	Hindi Entertainment	121	Pay	22.42
4	5	Star Bharat	SD	Hindi Entertainment	122	Pay	11.80
...
601	602	DD Arunprabha	SD	Others	1986	FTA	0.00
602	603	DD Manipur	SD	Others	1987	FTA	0.00
603	604	DD North East	SD	Others	1988	FTA	0.00
604	605	DD Kashir	SD	Others	1989	FTA	0.00
605	606	Ramdhenu	SD	Others	1990	FTA	0.00

606 rows × 7 columns

```
In [5]: pd.set_option('display.max_column',None)
pd.set_option('display.max_rows',None)
TaSy_CH
```

Out[5]:

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
0	1	DD National	SD	Hindi Entertainment	114	FTA	0.00
1	2	Star Plus HD	HD	Hindi Entertainment	115	Pay	22.42
2	3	Star Plus	SD	Hindi Entertainment	117	Pay	22.42
3	4	Star Bharat HD	HD	Hindi Entertainment	121	Pay	22.42
4	5	Star Bharat	SD	Hindi Entertainment	122	Pay	11.80
5	6	SET HD	HD	Hindi Entertainment	128	Pay	22.42
6	7	SET	SD	Hindi Entertainment	130	Pay	22.42
7	8	Sony SAB HD	HD	Hindi Entertainment	132	Pay	22.42
8	9	Sony SAB	SD	Hindi Entertainment	134	Pay	22.42
9	10	&TV HD	HD	Hindi Entertainment	137	Pay	22.42
10	11	&TV	SD	Hindi Entertainment	139	Pay	14.16
11	12	Zee TV HD	HD	Hindi Entertainment	141	Pay	22.42
12	13	Zee TV	SD	Hindi Entertainment	143	Pay	22.42
13	14	Colors HD	HD	Hindi Entertainment	147	Pay	22.42
14	15	Colors	SD	Hindi Entertainment	149	Pay	22.42
15	16	UTV Bindass	SD	Hindi Entertainment	153	Pay	1.18
16	17	Investigation Discovery	SD	Hindi Entertainment	155	Pay	1.18
17	18	Naaptol	SD	Shopping	156	FTA	0.00
18	19	Ezmall	SD	Others	158	FTA	0.00
19	20	Star Utsav	SD	Hindi Entertainment	171	Pay	1.18
20	21	Zee Anmol	SD	Hindi Entertainment	172	Pay	0.12
21	22	Colors Rishtey	SD	Hindi Entertainment	173	Pay	1.18
22	23	Sony Pal	SD	Hindi Entertainment	174	Pay	1.18
23	24	The Q	SD	Hindi Entertainment	175	FTA	0.00
24	25	Big Magic	SD	Hindi Entertainment	176	Pay	0.12
25	26	Dangal	SD	Hindi Entertainment	177	FTA	0.00
26	27	Anjan TV	SD	Hindi Entertainment	178	FTA	0.00
27	28	DD Retro	SD	Hindi Entertainment	180	FTA	0.00
28	29	Shemaroo TV	SD	Hindi Entertainment	181	FTA	0.00
29	30	Ishara	SD	Hindi Entertainment	182	Pay	5.90

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
30	31	Azaad	SD	Hindi Entertainment	183	FTA	0.00
31	32	DD Kisan	SD	Hindi Entertainment	198	FTA	0.00
32	33	Star World HD	HD	English Entertainment	202	Pay	10.62
33	34	Star World	SD	English Entertainment	203	Pay	9.44
34	35	Star World Premiere HD	HD	English Entertainment	206	Pay	10.62
35	36	Zee Caf? HD	HD	English Entertainment	210	Pay	22.42
36	37	Zee Caf?	SD	English Entertainment	211	Pay	17.70
37	38	Colors Infinity HD	HD	English Entertainment	214	Pay	10.62
38	39	Colors Infinity	SD	English Entertainment	215	Pay	5.90
39	40	Comedy Central HD	HD	English Entertainment	218	Pay	10.62
40	41	Comedy Central	SD	English Entertainment	219	Pay	5.90
41	42	Disney International HD	HD	English Entertainment	221	Pay	14.16
42	43	Star Gold HD	HD	Hindi Movies	308	Pay	11.80
43	44	Star Gold	SD	Hindi Movies	310	Pay	9.44
44	45	Sony Max HD	HD	Hindi Movies	312	Pay	20.06
45	46	Sony Max	SD	Hindi Movies	314	Pay	17.70
46	47	Star Gold 2	SD	Hindi Movies	317	Pay	1.18
47	48	Zee Cinema HD	HD	Hindi Movies	319	Pay	22.42
48	49	Zee Cinema	SD	Hindi Movies	321	Pay	17.70
49	50	UTV HD	HD	Hindi Movies	322	Pay	9.44
50	51	UTV Movies	SD	Hindi Movies	323	Pay	2.36
51	52	UTV Action	SD	Hindi Movies	325	Pay	2.36
52	53	Zee Bollywood	SD	Hindi Movies	327	Pay	2.36
53	54	Zee Classic	SD	Hindi Movies	328	Pay	0.59
54	55	&pictures HD	HD	Hindi Movies	331	Pay	22.42
55	56	&pictures	SD	Hindi Movies	332	Pay	7.08
56	57	Colors Cineplex HD	HD	Hindi Movies	344	Pay	5.90

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
57	58	Colors Cineplex	SD	Hindi Movies	345	Pay	3.54
58	59	B4U Kadak	SD	Hindi Movies	346	FTA	0.00
59	60	Zee Action	SD	Hindi Movies	349	Pay	1.18
60	61	Sony Wah	SD	Hindi Movies	351	Pay	1.18
61	62	B4U Movies	SD	Hindi Movies	352	FTA	0.00
62	63	Sony Max 2	SD	Hindi Movies	355	Pay	1.18
63	64	Star Gold Select HD	HD	Hindi Movies	356	Pay	11.80
64	65	Star Gold Select	SD	Hindi Movies	357	Pay	8.26
65	66	Cinema TV India	SD	Hindi Movies	358	FTA	0.00
66	67	Wow Cinema One	SD	Hindi Movies	365	FTA	0.00
67	68	Enterr10 Movies	SD	Hindi Movies	366	FTA	0.00
68	69	Bflix Movies	SD	Hindi Movies	367	FTA	0.00
69	70	Star Utsav Movies	SD	Hindi Movies	369	Pay	1.18
70	71	Zee Anmol Cinema	SD	Hindi Movies	371	Pay	0.12
71	72	Dhinchaak	SD	Hindi Movies	375	FTA	0.00
72	73	Manoranjan TV	SD	Hindi Movies	376	FTA	0.00
73	74	Star Movies HD	HD	English Movies	402	Pay	22.42
74	75	Star Movies	SD	English Movies	403	Pay	14.16
75	76	Sony Pix HD	HD	English Movies	406	Pay	17.70
76	77	Sony Pix	SD	English Movies	407	Pay	11.80
77	78	&flix HD	HD	English Movies	412	Pay	22.42
78	79	&flix	SD	English Movies	413	Pay	17.70
79	80	Star Movies Select HD	HD	English Movies	418	Pay	11.80
80	81	Movies Now HD	HD	English Movies	420	Pay	14.16
81	82	Movies Now	SD	English Movies	421	Pay	11.80
82	83	MN+ HD	HD	English Movies	423	Pay	11.80
83	84	MNX HD	HD	English Movies	425	Pay	10.62
84	85	MNX	SD	English Movies	426	Pay	7.08
85	86	Romedy Now	SD	English Movies	429	Pay	7.08
86	87	&prive HD	HD	English Movies	431	Pay	22.42
87	88	DD Sports	SD	Sports	453	FTA	0.00
88	89	Star Sports 1 HD	HD	Sports	454	Pay	22.42
89	90	Star Sports 1	SD	Sports	455	Pay	22.42

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
90	91	Star Sports 2 HD	HD	Sports	456	Pay	22.42
91	92	Star Sports 2	SD	Sports	457	Pay	7.08
92	93	Star Sports 3	SD	Sports	458	Pay	4.72
93	94	Star Sports 1 Hindi HD	HD	Sports	459	Pay	22.42
94	95	Star Sports 1 Hindi	SD	Sports	460	Pay	22.42
95	96	Star Sports Select 1 HD	HD	Sports	463	Pay	22.42
96	97	Star Sports Select 1	SD	Sports	464	Pay	22.42
97	98	Star Sports Select 2 HD	HD	Sports	465	Pay	11.80
98	99	Star Sports Select 2	SD	Sports	466	Pay	8.26
99	100	Sony Ten 1 HD	HD	Sports	470	Pay	22.42
100	101	Sony Ten 1	SD	Sports	471	Pay	22.42
101	102	Sony Ten 2 HD	HD	Sports	473	Pay	20.06
102	103	Sony Ten 2	SD	Sports	474	Pay	17.70
103	104	Sony Ten 3 HD	HD	Sports	475	Pay	20.06
104	105	Sony Ten 3	SD	Sports	476	Pay	20.06
105	106	Sony Six HD	HD	Sports	483	Pay	22.42
106	107	Sony Six	SD	Sports	484	Pay	17.70
107	108	Eurosport HD	HD	Sports	495	Pay	7.08
108	109	Eurosport	SD	Sports	496	Pay	4.72
109	110	Star Sports First	SD	Sports	497	Pay	1.18
110	111	1Sports	SD	Sports	498	Pay	4.72
111	112	DD News HD	HD	Hindi News	501	FTA	0.00
112	113	DD News	SD	Hindi News	502	FTA	0.00
113	114	ABP News	SD	Hindi News	504	FTA	0.00
114	115	NDTV India	SD	Hindi News	506	Pay	1.18
115	116	Aaj Tak HD	HD	Hindi News	508	Pay	1.77
116	117	Aaj Tak	SD	Hindi News	509	Pay	0.89
117	118	Zee News	SD	Hindi News	511	Pay	0.12
118	119	India TV	SD	Hindi News	514	FTA	0.00
119	120	News 24	SD	Hindi News	516	FTA	0.00
120	121	News18 India	SD	Hindi News	519	Pay	0.12
121	122	Zee Hindustan	SD	Hindi News	520	Pay	0.12
122	123	R Bharat	SD	Hindi News	521	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
123	124	India News	SD	Hindi News	522	FTA	0.00
124	125	News Nation	SD	Hindi News	523	FTA	0.00
125	126	TV9 Bharatvarsh	SD	Hindi News	524	FTA	0.00
126	127	Good News Today	SD	Hindi News	525	Pay	0.30
127	128	Total TV	SD	Hindi News	527	FTA	0.00
128	129	Times Now Navbharat HD	HD	Hindi News	528	Pay	1.77
129	130	Sudarshan News	SD	Hindi News	534	FTA	0.00
130	131	APN News	SD	Hindi News	542	FTA	0.00
131	132	India Voice	SD	Hindi News	551	FTA	0.00
132	133	News 11 Bharat	SD	Hindi News	552	FTA	0.00
133	134	News 1 India	SD	Hindi News	553	FTA	0.00
134	135	Hindi Khabar	SD	Hindi News	557	FTA	0.00
135	136	Bharat Samachar	SD	Hindi News	559	FTA	0.00
136	137	News India 24x7	SD	Hindi News	562	FTA	0.00
137	138	Khabrain Abhi Tak	SD	Hindi News	563	FTA	0.00
138	139	Samay	SD	Hindi News	566	FTA	0.00
139	140	Network 10	SD	Hindi News	567	FTA	0.00
140	141	Jantantra TV	SD	Hindi News	568	FTA	0.00
141	142	Prime News	SD	Hindi News	569	FTA	0.00
142	143	Zee Business	SD	Hindi News	590	Pay	0.12
143	144	CNBC Awaaz	SD	Hindi News	592	Pay	1.18
144	145	Lok Sabha TV	SD	Hindi News	598	FTA	0.00
145	146	Rajya Sabha TV	SD	Hindi News	599	FTA	0.00
146	147	NDTV 24x7	SD	English News	601	Pay	3.54
147	148	Times Now World (HD)	HD	English News	603	Pay	5.90
148	149	Times Now	SD	English News	604	Pay	3.54
149	150	India Today	SD	English News	606	Pay	1.18
150	151	CNN News18	SD	English News	608	Pay	0.59
151	152	NewsX	SD	English News	610	FTA	0.00
152	153	Mirror Now	SD	English News	612	Pay	0.59
153	154	WION	SD	English News	613	Pay	1.18
154	155	Republic TV	SD	English News	616	FTA	0.00
155	156	India Ahead	SD	English News	617	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
156	157	DD India	SD	English News	622	FTA	0.00
157	158	NDTV Profit Prime	SD	English News	623	Pay	1.18
158	159	CNBC TV18 Prime HD	HD	English News	625	Pay	1.18
159	160	CNBC TV18	SD	English News	626	Pay	4.72
160	161	ET Now	SD	English News	627	Pay	3.54
161	162	CNN	SD	English News	631	Pay	0.59
162	163	BBC World	SD	English News	633	Pay	1.18
163	164	Al Jazeera	SD	English News	637	FTA	0.00
164	165	Channel News Asia	SD	English News	638	FTA	0.00
165	166	France 24	SD	English News	639	FTA	0.00
166	167	TV5 Monde Asie	SD	English News	640	FTA	0.00
167	168	DW	SD	English News	641	FTA	0.00
168	169	Australia TV	SD	English News	642	FTA	0.00
169	170	Russia Today	SD	English News	643	FTA	0.00
170	171	Hungama TV	SD	Kids	652	Pay	7.08
171	172	Marvel HQ	SD	Kids	655	Pay	4.72
172	173	Disney	SD	Kids	658	Pay	9.44
173	174	Nick HD+	HD	Kids	662	Pay	11.80
174	175	Nick	SD	Kids	663	Pay	7.08
175	176	Cartoon Network HD+	HD	Kids	666	Pay	5.90
176	177	Cartoon Network	SD	Kids	667	Pay	5.02
177	178	Pogo	SD	Kids	670	Pay	5.02
178	179	Discovery Kids	SD	Kids	672	Pay	3.54
179	180	Sonic Nickelodeon	SD	Kids	674	Pay	2.36
180	181	Sony Yay	SD	Kids	676	Pay	2.36
181	182	Gubbare	SD	Kids	678	Pay	0.77
182	183	ETV Bal Bharat	SD	Kids	680	Pay	4.72
183	184	Baby TV HD	HD	Kids	684	Pay	1.18
184	185	Nick Jr	SD	Kids	685	Pay	1.18
185	186	Disney Junior	SD	Kids	686	Pay	4.72
186	187	CBeeBies	SD	Kids	687	Pay	5.90
187	188	Kushi TV	SD	Kids	692	Pay	4.72
188	189	Chutti TV	SD	Kids	693	Pay	7.08

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
189	190	Chintu TV	SD	Kids	694	Pay	7.08
190	191	Kochu TV	SD	Kids	695	Pay	5.90
191	192	National Geographic HD	HD	Knowledge & Lifestyle	708	Pay	11.80
192	193	National Geographic	SD	Knowledge & Lifestyle	709	Pay	2.36
193	194	Nat Geo Wild HD	HD	Knowledge & Lifestyle	711	Pay	5.90
194	195	Nat Geo Wild	SD	Knowledge & Lifestyle	712	Pay	1.18
195	196	Discovery HD World	HD	Knowledge & Lifestyle	713	Pay	7.08
196	197	Discovery Channel	SD	Knowledge & Lifestyle	714	Pay	4.72
197	198	Animal Planet HD World	HD	Knowledge & Lifestyle	716	Pay	3.54
198	199	Animal Planet	SD	Knowledge & Lifestyle	717	Pay	2.36
199	200	Discovery Science	SD	Knowledge & Lifestyle	719	Pay	1.18
200	201	History TV18 HD	HD	Knowledge & Lifestyle	720	Pay	8.26
201	202	History TV18	SD	Knowledge & Lifestyle	721	Pay	3.54
202	203	Sony BBC Earth HD	HD	Knowledge & Lifestyle	724	Pay	11.80
203	204	Sony BBC Earth	SD	Knowledge & Lifestyle	725	Pay	4.72
204	205	Epic	SD	Knowledge & Lifestyle	735	Pay	2.36
205	206	Fox Life HD	HD	Knowledge & Lifestyle	753	Pay	1.18
206	207	Fox Life	SD	Knowledge & Lifestyle	754	Pay	1.18
207	208	DD Gyan Darshan	SD	Knowledge & Lifestyle	755	FTA	0.00
208	209	Swayam Prabha	SD	Knowledge & Lifestyle	756	FTA	0.00
209	210	TLC HD	HD	Knowledge & Lifestyle	759	Pay	3.54
210	211	TLC	SD	Knowledge & Lifestyle	760	Pay	2.36

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
211	212	Good Times	SD	Knowledge & Lifestyle	762	Pay	1.77
212	213	Discovery Turbo	SD	Knowledge & Lifestyle	764	Pay	1.18
213	214	TravelXP HD	HD	Knowledge & Lifestyle	765	Pay	10.62
214	215	TravelXP	SD	Knowledge & Lifestyle	766	Pay	3.54
215	216	Food Food	SD	Knowledge & Lifestyle	768	FTA	0.00
216	217	Zee Zest HD	HD	Knowledge & Lifestyle	769	Pay	11.80
217	218	Zee Zest	SD	Knowledge & Lifestyle	770	Pay	1.18
218	219	Fashion TV	SD	Knowledge & Lifestyle	772	FTA	0.00
219	220	MTV HD+	HD	Music	806	Pay	5.90
220	221	MTV	SD	Music	807	Pay	3.54
221	222	9XM	SD	Music	809	FTA	0.00
222	223	Zoom	SD	Music	811	Pay	0.59
223	224	E24	SD	Music	813	FTA	0.00
224	225	MTV Beats HD	HD	Music	820	Pay	1.18
225	226	MTV Beats	SD	Music	821	Pay	0.12
226	227	B4U Music	SD	Music	822	FTA	0.00
227	228	Mastiii	SD	Music	825	FTA	0.00
228	229	Zing	SD	Music	826	Pay	0.12
229	230	9X Jalwa	SD	Music	830	FTA	0.00
230	231	insync	SD	Music	833	FTA	0.00
231	232	Showbox	SD	Music	835	FTA	0.00
232	233	Vh1 HD	HD	Music	855	Pay	2.36
233	234	Vh1	SD	Music	856	Pay	1.18
234	235	Aastha	SD	Spiritual	1055	FTA	0.00
235	236	Sanskar	SD	Spiritual	1057	FTA	0.00
236	237	Disha TV	SD	Spiritual	1058	FTA	0.00
237	238	Paras TV	SD	Spiritual	1059	FTA	0.00
238	239	MH One Shraddha	SD	Spiritual	1061	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
239	240	Sadhna TV	SD	Spiritual	1063	FTA	0.00
240	241	Sharnam TV	SD	Spiritual	1064	FTA	0.00
241	242	Peace of Mind	SD	Spiritual	1065	FTA	0.00
242	243	Jinvani Channel	SD	Spiritual	1066	FTA	0.00
243	244	Arihant	SD	Spiritual	1067	FTA	0.00
244	245	Ishwar TV	SD	Spiritual	1068	FTA	0.00
245	246	Satsang TV	SD	Spiritual	1073	FTA	0.00
246	247	Shubh TV	SD	Spiritual	1074	FTA	0.00
247	248	Aastha Bhajan	SD	Spiritual	1077	FTA	0.00
248	249	Vedic	SD	Spiritual	1078	FTA	0.00
249	250	Subharti TV	SD	Spiritual	1082	FTA	0.00
250	251	Divya	SD	Spiritual	1083	FTA	0.00
251	252	Awakening	SD	Spiritual	1084	FTA	0.00
252	253	Santwani	SD	Spiritual	1085	FTA	0.00
253	254	Big Ganga	SD	Hindi Regional	1102	Pay	0.59
254	255	Dishum	SD	Hindi Regional	1103	FTA	0.00
255	256	Enterr10 Rangeela	SD	Hindi Regional	1104	FTA	0.00
256	257	Zee Biskepe	SD	Hindi Regional	1113	Pay	0.12
257	258	Filamchi Bhojpuri	SD	Hindi Regional	1114	Pay	0.30
258	259	Oscar Movies Bhojpuri	SD	Hindi Regional	1118	FTA	0.00
259	260	Bhojpuri Cinema	SD	Hindi Regional	1119	FTA	0.00
260	261	B4U Bhojpuri	SD	Hindi Regional	1120	FTA	0.00
261	262	Mango TV	SD	Hindi Regional	1122	FTA	0.00
262	263	News18 Uttar Pradesh Uttarakhand	SD	Hindi Regional	1125	Pay	0.12
263	264	Zee Uttar Pradesh Uttarakhand	SD	Hindi Regional	1126	Pay	0.12
264	265	ABP Ganga	SD	Hindi Regional	1127	FTA	0.00
265	266	News18 Bihar Jharkhand	SD	Hindi Regional	1129	Pay	0.12
266	267	Zee Bihar Jharkhand	SD	Hindi Regional	1130	Pay	0.12
267	268	India News UP UK	SD	Hindi Regional	1136	FTA	0.00
268	269	News State UP Uttarakhand	SD	Hindi Regional	1137	FTA	0.00
269	270	Sadhna Plus News	SD	Hindi Regional	1138	FTA	0.00
270	271	Kashish News	SD	Hindi Regional	1139	FTA	0.00
271	272	DD Bharati	SD	Hindi Regional	1152	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
272	273	DD Uttar Pradesh	SD	Hindi Regional	1153	FTA	0.00
273	274	DD Bihar	SD	Hindi Regional	1154	FTA	0.00
274	275	News18 Madhya Pradesh Chhattisgarh	SD	Hindi Regional	1155	Pay	0.12
275	276	Zee Madhya Pradesh Chattisgarh	SD	Hindi Regional	1156	Pay	0.12
276	277	IBC 24	SD	Hindi Regional	1161	FTA	0.00
277	278	Bansal News	SD	Hindi Regional	1162	FTA	0.00
278	279	INH 24X7	SD	Hindi Regional	1163	FTA	0.00
279	280	India News MP CG	SD	Hindi Regional	1164	FTA	0.00
280	281	News State MP CG	SD	Hindi Regional	1165	FTA	0.00
281	282	Swaraj Express SMBC	SD	Hindi Regional	1166	FTA	0.00
282	283	Sadhna News MP CG	SD	Hindi Regional	1168	FTA	0.00
283	284	News 24 MP CG	SD	Hindi Regional	1169	FTA	0.00
284	285	Anaadi TV	SD	Hindi Regional	1170	FTA	0.00
285	286	DD Madhya Pradesh	SD	Hindi Regional	1175	FTA	0.00
286	287	News18 Rajasthan	SD	Hindi Regional	1176	Pay	0.12
287	288	Zee Rajasthan News	SD	Hindi Regional	1177	Pay	0.12
288	289	First India Rajasthan	SD	Hindi Regional	1182	FTA	0.00
289	290	India News Rajasthan	SD	Hindi Regional	1183	FTA	0.00
290	291	Patrika TV Rajasthan	SD	Hindi Regional	1184	FTA	0.00
291	292	Jan TV	SD	Hindi Regional	1185	FTA	0.00
292	293	A1 TV	SD	Hindi Regional	1186	FTA	0.00
293	294	DD Rajasthan	SD	Hindi Regional	1190	FTA	0.00
294	295	News18 Urdu	SD	Hindi Regional	1191	Pay	0.12
295	296	Zee Salaam	SD	Hindi Regional	1192	Pay	0.12
296	297	Channel Win	SD	Hindi Regional	1193	FTA	0.00
297	298	Gulistan News	SD	Hindi Regional	1194	FTA	0.00
298	299	Tehzeeb TV	SD	Hindi Regional	1195	FTA	0.00
299	300	DD Urdu	SD	Hindi Regional	1199	FTA	0.00
300	301	Colors Marathi HD	HD	Marathi Regional	1201	Pay	20.06
301	302	Colors Marathi	SD	Marathi Regional	1202	Pay	11.80
302	303	Zee Marathi HD	HD	Marathi Regional	1203	Pay	22.42
303	304	Zee Marathi	SD	Marathi Regional	1204	Pay	22.42

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
304	305	Star Pravah HD	HD	Marathi Regional	1207	Pay	17.70
305	306	Star Pravah	SD	Marathi Regional	1208	Pay	10.62
306	307	Zee Yuva	SD	Marathi Regional	1211	Pay	1.18
307	308	Sony Marathi	SD	Marathi Regional	1213	Pay	4.72
308	309	Fakt Marathi	SD	Marathi Regional	1220	FTA	0.00
309	310	Zee Talkies HD	HD	Marathi Regional	1225	Pay	22.42
310	311	Zee Talkies	SD	Marathi Regional	1226	Pay	2.36
311	312	Shemaroo Marathi Bana	SD	Marathi Regional	1230	FTA	0.00
312	313	ABP Majha	SD	Marathi Regional	1255	FTA	0.00
313	314	News18 Lokmat	SD	Marathi Regional	1257	Pay	0.12
314	315	Zee 24 Taas	SD	Marathi Regional	1259	Pay	0.12
315	316	Saam TV	SD	Marathi Regional	1261	FTA	0.00
316	317	Jai Maharashtra	SD	Marathi Regional	1262	FTA	0.00
317	318	TV9 Marathi	SD	Marathi Regional	1263	FTA	0.00
318	319	Lokshahi	SD	Marathi Regional	1265	FTA	0.00
319	320	DD Sahyadri	SD	Marathi Regional	1274	FTA	0.00
320	321	9X Jhakaas	SD	Marathi Regional	1276	FTA	0.00
321	322	Sangeet Marathi	SD	Marathi Regional	1277	FTA	0.00
322	323	Zee Vajwa	SD	Marathi Regional	1278	Pay	0.12
323	324	Colors Bangla HD	HD	Bengali Regional	1302	Pay	16.52
324	325	Colors Bangla	SD	Bengali Regional	1303	Pay	8.26
325	326	Zee Bangla HD	HD	Bengali Regional	1306	Pay	22.42
326	327	Zee Bangla	SD	Bengali Regional	1307	Pay	22.42
327	328	Star Jalsha HD	HD	Bengali Regional	1309	Pay	22.42
328	329	Star Jalsha	SD	Bengali Regional	1310	Pay	22.42
329	330	Sony Aath	SD	Bengali Regional	1312	Pay	4.72
330	331	Sun Bangla	SD	Bengali Regional	1317	FTA	0.00
331	332	Aakaash Aath	SD	Bengali Regional	1320	FTA	0.00
332	333	Ruposhi Bangla	SD	Bengali Regional	1321	FTA	0.00
333	334	Enterr10 Bangla	SD	Bengali Regional	1322	FTA	0.00
334	335	Jalsha Movies HD	HD	Bengali Regional	1326	Pay	22.42
335	336	Jalsha Movies	SD	Bengali Regional	1327	Pay	7.08
336	337	Zee Bangla Cinema	SD	Bengali Regional	1329	Pay	2.36

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
337	338	Colors Bangla Cinema	SD	Bengali Regional	1331	Pay	1.18
338	339	Khushboo Bangla	SD	Bengali Regional	1341	FTA	0.00
339	340	Star Sports 1 Bangla	SD	Bengali Regional	1350	Pay	22.42
340	341	ABP Ananda	SD	Bengali Regional	1360	FTA	0.00
341	342	Zee 24 Ghanta	SD	Bengali Regional	1362	Pay	0.12
342	343	Kolkata TV	SD	Bengali Regional	1363	FTA	0.00
343	344	News18 Bangla	SD	Bengali Regional	1365	Pay	0.12
344	345	TV9 Bangla	SD	Bengali Regional	1366	FTA	0.00
345	346	Republic Bangla	SD	Bengali Regional	1367	FTA	0.00
346	347	News Time Bangla	SD	Bengali Regional	1368	FTA	0.00
347	348	CTVN AKD Plus	SD	Bengali Regional	1369	FTA	0.00
348	349	Calcutta News	SD	Bengali Regional	1370	FTA	0.00
349	350	DD Bangla	SD	Bengali Regional	1379	FTA	0.00
350	351	Sangeet Bangla	SD	Bengali Regional	1380	FTA	0.00
351	352	Zee Telugu HD	HD	Telugu Regional	1403	Pay	22.42
352	353	Zee Telugu	SD	Telugu Regional	1404	Pay	22.42
353	354	Gemini TV HD	HD	Telugu Regional	1405	Pay	22.42
354	355	Gemini TV	SD	Telugu Regional	1406	Pay	22.42
355	356	Star Maa HD	HD	Telugu Regional	1408	Pay	22.42
356	357	Star Maa	SD	Telugu Regional	1409	Pay	22.42
357	358	ETV HD	HD	Telugu Regional	1411	Pay	22.42
358	359	ETV Telugu	SD	Telugu Regional	1412	Pay	20.06
359	360	Gemini Life	SD	Telugu Regional	1415	Pay	5.90
360	361	ETV Plus	SD	Telugu Regional	1417	Pay	8.26
361	362	Telugu Naaptol	SD	Telugu Regional	1419	FTA	0.00
362	363	Vissa TV	SD	Telugu Regional	1422	FTA	0.00
363	364	Studio Yuva	SD	Telugu Regional	1423	FTA	0.00
364	365	Gemini Movies HD	HD	Telugu Regional	1430	Pay	22.42
365	366	Gemini Movies	SD	Telugu Regional	1431	Pay	20.06
366	367	Star Maa Movies HD	HD	Telugu Regional	1432	Pay	22.42
367	368	Star Maa Movies	SD	Telugu Regional	1433	Pay	11.80
368	369	Star Maa Gold	SD	Telugu Regional	1435	Pay	2.36
369	370	Zee Cinemalu HD	HD	Telugu Regional	1437	Pay	18.88

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
370	371	Zee Cinemalu	SD	Telugu Regional	1438	Pay	11.80
371	372	ETV Cinema	SD	Telugu Regional	1440	Pay	7.08
372	373	Gemini Comedy	SD	Telugu Regional	1442	Pay	5.90
373	374	Star Sports 1 Telugu	SD	Telugu Regional	1446	Pay	22.42
374	375	ETV Life	SD	Telugu Regional	1451	Pay	1.18
375	376	ETV Abhiruchi	SD	Telugu Regional	1453	Pay	2.36
376	377	Sakshi TV	SD	Telugu Regional	1456	FTA	0.00
377	378	ETV Andhra Pradesh	SD	Telugu Regional	1457	Pay	1.18
378	379	TV5 News	SD	Telugu Regional	1458	FTA	0.00
379	380	TV9 Telugu	SD	Telugu Regional	1459	FTA	0.00
380	381	NTV Telugu	SD	Telugu Regional	1460	FTA	0.00
381	382	ABN Andhra Jyothy	SD	Telugu Regional	1461	FTA	0.00
382	383	T News	SD	Telugu Regional	1462	FTA	0.00
383	384	V6 News	SD	Telugu Regional	1463	FTA	0.00
384	385	ETV Telangana	SD	Telugu Regional	1464	Pay	1.18
385	386	HM TV	SD	Telugu Regional	1465	FTA	0.00
386	387	Raj News	SD	Telugu Regional	1466	FTA	0.00
387	388	10 TV	SD	Telugu Regional	1467	FTA	0.00
388	389	4TV News	SD	Telugu Regional	1470	FTA	0.00
389	390	Vidya	SD	Telugu Regional	1479	FTA	0.00
390	391	Nipuna	SD	Telugu Regional	1480	FTA	0.00
391	392	DD Saptagiri	SD	Telugu Regional	1481	FTA	0.00
392	393	DD Yadagiri	SD	Telugu Regional	1482	FTA	0.00
393	394	Gemini Music	SD	Telugu Regional	1484	Pay	4.72
394	395	Star Maa Music	SD	Telugu Regional	1486	Pay	1.18
395	396	Raj Musix Telugu	SD	Telugu Regional	1487	FTA	0.00
396	397	Bhakti TV	SD	Telugu Regional	1490	FTA	0.00
397	398	Subhavaartha TV	SD	Telugu Regional	1491	FTA	0.00
398	399	Aradana TV	SD	Telugu Regional	1492	FTA	0.00
399	400	Swara Sagar	SD	Telugu Regional	1493	FTA	0.00
400	401	Hindu Dharmam	SD	Telugu Regional	1494	FTA	0.00
401	402	SVBC	SD	Telugu Regional	1499	FTA	0.00
402	403	Sun TV HD	HD	Tamil Regional	1503	Pay	22.42

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
403	404		Sun TV	SD	Tamil Regional	1504	Pay 22.42
404	405		Sun Life	SD	Tamil Regional	1506	Pay 10.62
405	406		Star Vijay HD	HD	Tamil Regional	1507	Pay 22.42
406	407		Star Vijay	SD	Tamil Regional	1508	Pay 20.06
407	408		Zee Tamil HD	HD	Tamil Regional	1510	Pay 22.42
408	409		Zee Tamil	SD	Tamil Regional	1511	Pay 14.16
409	410		Vijay Super	SD	Tamil Regional	1513	Pay 2.36
410	411		Colors Tamil HD	HD	Tamil Regional	1514	Pay 8.26
411	412		Colors Tamil	SD	Tamil Regional	1515	Pay 3.54
412	413		Jaya TV HD	HD	Tamil Regional	1517	Pay 7.08
413	414		Kalaignar TV	SD	Tamil Regional	1518	FTA 0.00
414	415		Raj TV	SD	Tamil Regional	1520	Pay 3.54
415	416		D Tamil	SD	Tamil Regional	1521	Pay 4.72
416	417		Raj Digital Plus	SD	Tamil Regional	1522	Pay 1.77
417	418		Mega TV	SD	Tamil Regional	1523	Pay 3.54
418	419		Mega 24	SD	Tamil Regional	1524	Pay 1.18
419	420		Tamil Naaptol	SD	Tamil Regional	1525	FTA 0.00
420	421		Vasanth TV	SD	Tamil Regional	1530	FTA 0.00
421	422		Sirippoli	SD	Tamil Regional	1531	FTA 0.00
422	423		Polimer TV	SD	Tamil Regional	1532	FTA 0.00
423	424		Makkal TV	SD	Tamil Regional	1533	FTA 0.00
424	425		Peppers TV	SD	Tamil Regional	1534	FTA 0.00
425	426		Moon TV	SD	Tamil Regional	1535	FTA 0.00
426	427		Vendhar TV	SD	Tamil Regional	1536	FTA 0.00
427	428		KTV HD	HD	Tamil Regional	1540	Pay 22.42
428	429		KTV	SD	Tamil Regional	1541	Pay 22.42
429	430		Adithya TV	SD	Tamil Regional	1543	Pay 10.62
430	431		J Movies	SD	Tamil Regional	1544	Pay 2.66
431	432		Zee Thirai	SD	Tamil Regional	1546	Pay 5.90
432	433		Music Zone	SD	Tamil Regional	1547	FTA 0.00
433	434		Star Sports 1 Tamil	SD	Tamil Regional	1551	Pay 20.06
434	435		Sony Ten 4	SD	Tamil Regional	1552	Pay 20.06
435	436		TravelXP Tamil	SD	Tamil Regional	1553	Pay 1.77

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
436	437	Kalvi TV	SD	Tamil Regional	1554	FTA	0.00
437	438	Puthiya Thalaimurai	SD	Tamil Regional	1556	FTA	0.00
438	439	Thanthi TV	SD	Tamil Regional	1557	FTA	0.00
439	440	Jaya Plus	SD	Tamil Regional	1558	Pay	0.00
440	441	Sun News	SD	Tamil Regional	1559	Pay	0.00
441	442	News 7 Tamil	SD	Tamil Regional	1560	FTA	0.00
442	443	Polimer News	SD	Tamil Regional	1561	FTA	0.00
443	444	News18 Tamil Nadu	SD	Tamil Regional	1562	Pay	0.00
444	445	Seithigal TV	SD	Tamil Regional	1563	FTA	0.00
445	446	Raj News Tamil	SD	Tamil Regional	1564	Pay	0.00
446	447	Sathiyam TV	SD	Tamil Regional	1565	FTA	0.00
447	448	Malaimurasu Seithigal	SD	Tamil Regional	1566	FTA	0.00
448	449	Captain News	SD	Tamil Regional	1567	FTA	0.00
449	450	News J	SD	Tamil Regional	1568	FTA	0.00
450	451	DD Podhigai	SD	Tamil Regional	1578	FTA	0.00
451	452	Sun Music HD	HD	Tamil Regional	1579	Pay	22.42
452	453	Sun Music	SD	Tamil Regional	1580	Pay	7.08
453	454	Jaya Max	SD	Tamil Regional	1581	Pay	2.66
454	455	Raj Musix	SD	Tamil Regional	1582	Pay	1.18
455	456	Vijay Music	SD	Tamil Regional	1583	Pay	1.18
456	457	Isaiaruvi	SD	Tamil Regional	1584	FTA	0.00
457	458	Murasu TV	SD	Tamil Regional	1585	FTA	0.00
458	459	Mega Musiq	SD	Tamil Regional	1586	Pay	2.36
459	460	Jothi TV	SD	Tamil Regional	1587	FTA	0.00
460	461	Madha TV	SD	Tamil Regional	1590	FTA	0.00
461	462	Angel TV	SD	Tamil Regional	1591	FTA	0.00
462	463	Nambikkai TV	SD	Tamil Regional	1592	FTA	0.00
463	464	SVBC 2	SD	Tamil Regional	1599	FTA	0.00
464	465	Udaya TV HD	HD	Kannada Regional	1603	Pay	22.42
465	466	Udaya TV	SD	Kannada Regional	1604	Pay	20.06
466	467	Colors Kannada HD	HD	Kannada Regional	1605	Pay	22.42
467	468	Colors Kannada	SD	Kannada Regional	1606	Pay	22.42
468	469	Star Suvarna HD	HD	Kannada Regional	1609	Pay	22.42

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
469	470	Star Suvarna	SD	Kannada Regional	1610	Pay	22.42
470	471	Zee Kannada HD	HD	Kannada Regional	1611	Pay	22.42
471	472	Zee Kannada	SD	Kannada Regional	1612	Pay	22.42
472	473	Colors Super	SD	Kannada Regional	1615	Pay	3.54
473	474	Kannada Naaptol	SD	Kannada Regional	1617	FTA	0.00
474	475	Sirikannada All Time	SD	Kannada Regional	1618	FTA	0.00
475	476	Udaya Movies	SD	Kannada Regional	1626	Pay	18.88
476	477	Udaya Comedy	SD	Kannada Regional	1628	Pay	7.08
477	478	Star Suvarna Plus	SD	Kannada Regional	1630	Pay	5.90
478	479	Colors Kannada Cinema	SD	Kannada Regional	1632	Pay	2.36
479	480	Zee Picchar	SD	Kannada Regional	1634	Pay	3.54
480	481	Public Movies	SD	Kannada Regional	1639	FTA	0.00
481	482	Star Sports 1 Kannada	SD	Kannada Regional	1645	Pay	22.42
482	483	Kasthuri	SD	Kannada Regional	1650	FTA	0.00
483	484	TV9 Kannada	SD	Kannada Regional	1653	FTA	0.00
484	485	Asianet Suvarna News	SD	Kannada Regional	1654	FTA	0.00
485	486	Public TV	SD	Kannada Regional	1655	FTA	0.00
486	487	News18 Kannada	SD	Kannada Regional	1656	Pay	0.00
487	488	TV5 Kannada	SD	Kannada Regional	1657	FTA	0.00
488	489	Raj News Kannada	SD	Kannada Regional	1658	FTA	0.00
489	490	Dighvijay 24x7 News	SD	Kannada Regional	1659	FTA	0.00
490	491	Power TV	SD	Kannada Regional	1660	FTA	0.00
491	492	News 1st	SD	Kannada Regional	1661	FTA	0.00
492	493	DD Chandana	SD	Kannada Regional	1672	FTA	0.00
493	494	Udaya Music	SD	Kannada Regional	1673	Pay	0.00
494	495	Raj Musix Kannada	SD	Kannada Regional	1674	FTA	0.00
495	496	Public Music	SD	Kannada Regional	1677	FTA	0.00
496	497	Sri Sankara TV	SD	Kannada Regional	1685	FTA	0.00
497	498	Ayush TV	SD	Kannada Regional	1686	FTA	0.00
498	499	Colors Gujarati	SD	Gujarati Regional	1702	Pay	5.90
499	500	Colors Gujarati Cinema	SD	Gujarati Regional	1711	Pay	1.18
500	501	TV9 Gujarati	SD	Gujarati Regional	1720	FTA	0.00
501	502	Gujarat Samachar TV	SD	Gujarati Regional	1721	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
502	503	Sandesh News	SD	Gujarati Regional	1722	FTA	0.00
503	504	CNBC Bazaar	SD	Gujarati Regional	1724	Pay	0.00
504	505	News18 Gujarati	SD	Gujarati Regional	1726	Pay	0.00
505	506	ABP Asmita	SD	Gujarati Regional	1728	FTA	0.00
506	507	VTV Gujarati	SD	Gujarati Regional	1729	FTA	0.00
507	508	Zee 24 Kalak	SD	Gujarati Regional	1731	Pay	0.00
508	509	India News Gujarat	SD	Gujarati Regional	1732	FTA	0.00
509	510	Mantavya News	SD	Gujarati Regional	1734	FTA	0.00
510	511	DD Girnar	SD	Gujarati Regional	1739	FTA	0.00
511	512	Colors Oriya	SD	Odia Regional	1752	Pay	7.08
512	513	Tarang TV	SD	Odia Regional	1754	Pay	11.80
513	514	Zee Sarthak	SD	Odia Regional	1756	Pay	22.42
514	515	Manjari	SD	Odia Regional	1760	FTA	0.00
515	516	Alankar	SD	Odia Regional	1763	Pay	4.72
516	517	OTV	SD	Odia Regional	1771	FTA	0.00
517	518	Zee Odisha	SD	Odia Regional	1773	Pay	0.12
518	519	Kanak News	SD	Odia Regional	1774	FTA	0.00
519	520	News18 Odia	SD	Odia Regional	1776	Pay	0.12
520	521	Kalinga TV	SD	Odia Regional	1777	FTA	0.00
521	522	Prameya News 7	SD	Odia Regional	1778	FTA	0.00
522	523	Nandighosha TV	SD	Odia Regional	1779	FTA	0.00
523	524	Argus News	SD	Odia Regional	1780	FTA	0.00
524	525	DD Odia	SD	Odia Regional	1785	FTA	0.00
525	526	Tarang Music	SD	Odia Regional	1786	Pay	2.36
526	527	Prarthana TV	SD	Odia Regional	1795	Pay	2.36
527	528	Surya TV HD	HD	Malayalam Regional	1802	Pay	22.42
528	529	Surya TV	SD	Malayalam Regional	1803	Pay	14.16
529	530	Asianet HD	HD	Malayalam Regional	1806	Pay	22.42
530	531	Asianet	SD	Malayalam Regional	1807	Pay	22.42
531	532	Asianet Plus	SD	Malayalam Regional	1809	Pay	5.90
532	533	Zee Keralam HD	HD	Malayalam Regional	1811	Pay	9.44
533	534	Zee Keralam	SD	Malayalam Regional	1812	Pay	0.12
534	535	Flowers	SD	Malayalam Regional	1814	Pay	11.80

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
535	536	Amrita TV	SD	Malayalam Regional	1817	FTA	0.00
536	537	Mazhavil Manorama HD	HD	Malayalam Regional	1818	FTA	0.00
537	538	Mazhavil Manorama	SD	Malayalam Regional	1819	FTA	0.00
538	539	Kairali TV	SD	Malayalam Regional	1820	FTA	0.00
539	540	We TV	SD	Malayalam Regional	1822	FTA	0.00
540	541	Naaptol Malayalam	SD	Malayalam Regional	1823	FTA	0.00
541	542	Surya Movies	SD	Malayalam Regional	1826	Pay	12.98
542	543	Asianet Movies	SD	Malayalam Regional	1828	Pay	17.70
543	544	Surya Comedy	SD	Malayalam Regional	1830	Pay	4.72
544	545	Safari TV	SD	Malayalam Regional	1838	FTA	0.00
545	546	Asianet News	SD	Malayalam Regional	1841	FTA	0.00
546	547	Kairali News	SD	Malayalam Regional	1842	FTA	0.00
547	548	Manorama News	SD	Malayalam Regional	1843	FTA	0.00
548	549	Mathrubhumi News	SD	Malayalam Regional	1844	FTA	0.00
549	550	News18 Kerala	SD	Malayalam Regional	1846	Pay	0.00
550	551	Jai Hind TV	SD	Malayalam Regional	1847	FTA	0.00
551	552	Jeevan TV	SD	Malayalam Regional	1848	FTA	0.00
552	553	Media One TV	SD	Malayalam Regional	1849	FTA	0.00
553	554	Janam TV	SD	Malayalam Regional	1850	FTA	0.00
554	555	Kaumudy	SD	Malayalam Regional	1851	FTA	0.00
555	556	Raj News Malayalam	SD	Malayalam Regional	1853	FTA	0.00
556	557	Twenty four	SD	Malayalam Regional	1854	FTA	0.00
557	558	KITE Victers	SD	Malayalam Regional	1873	FTA	0.00
558	559	DD Malayalam	SD	Malayalam Regional	1874	FTA	0.00
559	560	Surya Music	SD	Malayalam Regional	1875	Pay	4.72
560	561	Raj Musix Malayalam	SD	Malayalam Regional	1877	FTA	0.00
561	562	Kappa TV	SD	Malayalam Regional	1878	FTA	0.00
562	563	Goodness	SD	Malayalam Regional	1885	FTA	0.00
563	564	God TV	SD	Malayalam Regional	1886	FTA	0.00
564	565	SHALOM TV	SD	Malayalam Regional	1887	FTA	0.00
565	566	Harvest TV 24x7	SD	Malayalam Regional	1888	FTA	0.00
566	567	Zee Punjabi	SD	Punjabi Regional	1903	Pay	3.54
567	568	PTC Punjabi	SD	Punjabi Regional	1906	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
568	569	MH One	SD	Punjabi Regional	1907	FTA	0.00
569	570	Pitaara TV	SD	Punjabi Regional	1911	FTA	0.00
570	571	PTC Punjabi Gold	SD	Punjabi Regional	1912	FTA	0.00
571	572	Zee Punjab Haryana Himachal Pradesh	SD	Punjabi Regional	1920	Pay	0.00
572	573	PTC News	SD	Punjabi Regional	1921	FTA	0.00
573	574	News18 Punjab Haryana Himachal	SD	Punjabi Regional	1922	Pay	0.00
574	575	India News Punjab	SD	Punjabi Regional	1923	FTA	0.00
575	576	India News Haryana	SD	Punjabi Regional	1924	FTA	0.00
576	577	Janta TV	SD	Punjabi Regional	1925	FTA	0.00
577	578	MH One News	SD	Punjabi Regional	1926	FTA	0.00
578	579	ANB News	SD	Punjabi Regional	1927	FTA	0.00
579	580	Living India News	SD	Punjabi Regional	1928	FTA	0.00
580	581	DD Punjabi	SD	Punjabi Regional	1935	FTA	0.00
581	582	PTC Chak De	SD	Punjabi Regional	1938	FTA	0.00
582	583	Tashan	SD	Punjabi Regional	1939	FTA	0.00
583	584	Balle Balle	SD	Punjabi Regional	1940	FTA	0.00
584	585	PTC Music	SD	Punjabi Regional	1941	FTA	0.00
585	586	Punjabi hits	SD	Punjabi Regional	1942	FTA	0.00
586	587	Chardikla Time TV	SD	Punjabi Regional	1945	FTA	0.00
587	588	PTC Simran	SD	Punjabi Regional	1946	FTA	0.00
588	589	Nepal 1	SD	Others	1951	FTA	0.00
589	590	Rang	SD	Others	1952	FTA	0.00
590	591	Rengoni TV	SD	Others	1953	FTA	0.00
591	592	Indradhanu	SD	Others	1961	FTA	0.00
592	593	DY 365	SD	Others	1970	FTA	0.00
593	594	News18 Assam North East	SD	Others	1971	Pay	0.00
594	595	News Live	SD	Others	1973	FTA	0.00
595	596	Protidin Time	SD	Others	1974	FTA	0.00
596	597	Prag News	SD	Others	1975	FTA	0.00
597	598	North East Live	SD	Others	1976	FTA	0.00
598	599	NKTV 24x7	SD	Others	1977	FTA	0.00
599	600	Hornbill TV	SD	Others	1978	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
600	601	DD Port Blair	SD	Others	1985	FTA	0.00
601	602	DD Arunprabha	SD	Others	1986	FTA	0.00
602	603	DD Manipur	SD	Others	1987	FTA	0.00
603	604	DD North East	SD	Others	1988	FTA	0.00
604	605	DD Kashir	SD	Others	1989	FTA	0.00
605	606	Ramdhenu	SD	Others	1990	FTA	0.00

In [6]:

TaSy_CH.head()

Out[6]:

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
0	1 DD National	SD	Hindi Entertainment	114	FTA	0.00
1	2 Star Plus HD	HD	Hindi Entertainment	115	Pay	22.42
2	3 Star Plus	SD	Hindi Entertainment	117	Pay	22.42
3	4 Star Bharat HD	HD	Hindi Entertainment	121	Pay	22.42
4	5 Star Bharat	SD	Hindi Entertainment	122	Pay	11.80

In [7]:

TaSy_CH.tail()

Out[7]:

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
601	602 DD Arunprabha	SD	Others	1986	FTA	0.0
602	603 DD Manipur	SD	Others	1987	FTA	0.0
603	604 DD North East	SD	Others	1988	FTA	0.0
604	605 DD Kashir	SD	Others	1989	FTA	0.0
605	606 Ramdhenu	SD	Others	1990	FTA	0.0

In [8]:

TaSy_CH.notnull()

Out[8]:

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
0	True	True	True	True	True	True
1	True	True	True	True	True	True
2	True	True	True	True	True	True
3	True	True	True	True	True	True
4	True	True	True	True	True	True
5	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
6	True	True	True	True	True	True
7	True	True	True	True	True	True
8	True	True	True	True	True	True
9	True	True	True	True	True	True
10	True	True	True	True	True	True
11	True	True	True	True	True	True
12	True	True	True	True	True	True
13	True	True	True	True	True	True
14	True	True	True	True	True	True
15	True	True	True	True	True	True
16	True	True	True	True	True	True
17	True	True	True	True	True	True
18	True	True	True	True	True	True
19	True	True	True	True	True	True
20	True	True	True	True	True	True
21	True	True	True	True	True	True
22	True	True	True	True	True	True
23	True	True	True	True	True	True
24	True	True	True	True	True	True
25	True	True	True	True	True	True
26	True	True	True	True	True	True
27	True	True	True	True	True	True
28	True	True	True	True	True	True
29	True	True	True	True	True	True
30	True	True	True	True	True	True
31	True	True	True	True	True	True
32	True	True	True	True	True	True
33	True	True	True	True	True	True
34	True	True	True	True	True	True
35	True	True	True	True	True	True
36	True	True	True	True	True	True
37	True	True	True	True	True	True
38	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
39	True	True	True	True	True	True
40	True	True	True	True	True	True
41	True	True	True	True	True	True
42	True	True	True	True	True	True
43	True	True	True	True	True	True
44	True	True	True	True	True	True
45	True	True	True	True	True	True
46	True	True	True	True	True	True
47	True	True	True	True	True	True
48	True	True	True	True	True	True
49	True	True	True	True	True	True
50	True	True	True	True	True	True
51	True	True	True	True	True	True
52	True	True	True	True	True	True
53	True	True	True	True	True	True
54	True	True	True	True	True	True
55	True	True	True	True	True	True
56	True	True	True	True	True	True
57	True	True	True	True	True	True
58	True	True	True	True	True	True
59	True	True	True	True	True	True
60	True	True	True	True	True	True
61	True	True	True	True	True	True
62	True	True	True	True	True	True
63	True	True	True	True	True	True
64	True	True	True	True	True	True
65	True	True	True	True	True	True
66	True	True	True	True	True	True
67	True	True	True	True	True	True
68	True	True	True	True	True	True
69	True	True	True	True	True	True
70	True	True	True	True	True	True
71	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
72	True	True	True	True	True	True
73	True	True	True	True	True	True
74	True	True	True	True	True	True
75	True	True	True	True	True	True
76	True	True	True	True	True	True
77	True	True	True	True	True	True
78	True	True	True	True	True	True
79	True	True	True	True	True	True
80	True	True	True	True	True	True
81	True	True	True	True	True	True
82	True	True	True	True	True	True
83	True	True	True	True	True	True
84	True	True	True	True	True	True
85	True	True	True	True	True	True
86	True	True	True	True	True	True
87	True	True	True	True	True	True
88	True	True	True	True	True	True
89	True	True	True	True	True	True
90	True	True	True	True	True	True
91	True	True	True	True	True	True
92	True	True	True	True	True	True
93	True	True	True	True	True	True
94	True	True	True	True	True	True
95	True	True	True	True	True	True
96	True	True	True	True	True	True
97	True	True	True	True	True	True
98	True	True	True	True	True	True
99	True	True	True	True	True	True
100	True	True	True	True	True	True
101	True	True	True	True	True	True
102	True	True	True	True	True	True
103	True	True	True	True	True	True
104	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
105	True	True	True	True	True	True
106	True	True	True	True	True	True
107	True	True	True	True	True	True
108	True	True	True	True	True	True
109	True	True	True	True	True	True
110	True	True	True	True	True	True
111	True	True	True	True	True	True
112	True	True	True	True	True	True
113	True	True	True	True	True	True
114	True	True	True	True	True	True
115	True	True	True	True	True	True
116	True	True	True	True	True	True
117	True	True	True	True	True	True
118	True	True	True	True	True	True
119	True	True	True	True	True	True
120	True	True	True	True	True	True
121	True	True	True	True	True	True
122	True	True	True	True	True	True
123	True	True	True	True	True	True
124	True	True	True	True	True	True
125	True	True	True	True	True	True
126	True	True	True	True	True	True
127	True	True	True	True	True	True
128	True	True	True	True	True	True
129	True	True	True	True	True	True
130	True	True	True	True	True	True
131	True	True	True	True	True	True
132	True	True	True	True	True	True
133	True	True	True	True	True	True
134	True	True	True	True	True	True
135	True	True	True	True	True	True
136	True	True	True	True	True	True
137	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
138	True	True	True	True	True	True
139	True	True	True	True	True	True
140	True	True	True	True	True	True
141	True	True	True	True	True	True
142	True	True	True	True	True	True
143	True	True	True	True	True	True
144	True	True	True	True	True	True
145	True	True	True	True	True	True
146	True	True	True	True	True	True
147	True	True	True	True	True	True
148	True	True	True	True	True	True
149	True	True	True	True	True	True
150	True	True	True	True	True	True
151	True	True	True	True	True	True
152	True	True	True	True	True	True
153	True	True	True	True	True	True
154	True	True	True	True	True	True
155	True	True	True	True	True	True
156	True	True	True	True	True	True
157	True	True	True	True	True	True
158	True	True	True	True	True	True
159	True	True	True	True	True	True
160	True	True	True	True	True	True
161	True	True	True	True	True	True
162	True	True	True	True	True	True
163	True	True	True	True	True	True
164	True	True	True	True	True	True
165	True	True	True	True	True	True
166	True	True	True	True	True	True
167	True	True	True	True	True	True
168	True	True	True	True	True	True
169	True	True	True	True	True	True
170	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
171	True	True	True	True	True	True
172	True	True	True	True	True	True
173	True	True	True	True	True	True
174	True	True	True	True	True	True
175	True	True	True	True	True	True
176	True	True	True	True	True	True
177	True	True	True	True	True	True
178	True	True	True	True	True	True
179	True	True	True	True	True	True
180	True	True	True	True	True	True
181	True	True	True	True	True	True
182	True	True	True	True	True	True
183	True	True	True	True	True	True
184	True	True	True	True	True	True
185	True	True	True	True	True	True
186	True	True	True	True	True	True
187	True	True	True	True	True	True
188	True	True	True	True	True	True
189	True	True	True	True	True	True
190	True	True	True	True	True	True
191	True	True	True	True	True	True
192	True	True	True	True	True	True
193	True	True	True	True	True	True
194	True	True	True	True	True	True
195	True	True	True	True	True	True
196	True	True	True	True	True	True
197	True	True	True	True	True	True
198	True	True	True	True	True	True
199	True	True	True	True	True	True
200	True	True	True	True	True	True
201	True	True	True	True	True	True
202	True	True	True	True	True	True
203	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
204	True	True	True	True	True	True
205	True	True	True	True	True	True
206	True	True	True	True	True	True
207	True	True	True	True	True	True
208	True	True	True	True	True	True
209	True	True	True	True	True	True
210	True	True	True	True	True	True
211	True	True	True	True	True	True
212	True	True	True	True	True	True
213	True	True	True	True	True	True
214	True	True	True	True	True	True
215	True	True	True	True	True	True
216	True	True	True	True	True	True
217	True	True	True	True	True	True
218	True	True	True	True	True	True
219	True	True	True	True	True	True
220	True	True	True	True	True	True
221	True	True	True	True	True	True
222	True	True	True	True	True	True
223	True	True	True	True	True	True
224	True	True	True	True	True	True
225	True	True	True	True	True	True
226	True	True	True	True	True	True
227	True	True	True	True	True	True
228	True	True	True	True	True	True
229	True	True	True	True	True	True
230	True	True	True	True	True	True
231	True	True	True	True	True	True
232	True	True	True	True	True	True
233	True	True	True	True	True	True
234	True	True	True	True	True	True
235	True	True	True	True	True	True
236	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
237	True	True	True	True	True	True
238	True	True	True	True	True	True
239	True	True	True	True	True	True
240	True	True	True	True	True	True
241	True	True	True	True	True	True
242	True	True	True	True	True	True
243	True	True	True	True	True	True
244	True	True	True	True	True	True
245	True	True	True	True	True	True
246	True	True	True	True	True	True
247	True	True	True	True	True	True
248	True	True	True	True	True	True
249	True	True	True	True	True	True
250	True	True	True	True	True	True
251	True	True	True	True	True	True
252	True	True	True	True	True	True
253	True	True	True	True	True	True
254	True	True	True	True	True	True
255	True	True	True	True	True	True
256	True	True	True	True	True	True
257	True	True	True	True	True	True
258	True	True	True	True	True	True
259	True	True	True	True	True	True
260	True	True	True	True	True	True
261	True	True	True	True	True	True
262	True	True	True	True	True	True
263	True	True	True	True	True	True
264	True	True	True	True	True	True
265	True	True	True	True	True	True
266	True	True	True	True	True	True
267	True	True	True	True	True	True
268	True	True	True	True	True	True
269	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
270	True	True	True	True	True	True
271	True	True	True	True	True	True
272	True	True	True	True	True	True
273	True	True	True	True	True	True
274	True	True	True	True	True	True
275	True	True	True	True	True	True
276	True	True	True	True	True	True
277	True	True	True	True	True	True
278	True	True	True	True	True	True
279	True	True	True	True	True	True
280	True	True	True	True	True	True
281	True	True	True	True	True	True
282	True	True	True	True	True	True
283	True	True	True	True	True	True
284	True	True	True	True	True	True
285	True	True	True	True	True	True
286	True	True	True	True	True	True
287	True	True	True	True	True	True
288	True	True	True	True	True	True
289	True	True	True	True	True	True
290	True	True	True	True	True	True
291	True	True	True	True	True	True
292	True	True	True	True	True	True
293	True	True	True	True	True	True
294	True	True	True	True	True	True
295	True	True	True	True	True	True
296	True	True	True	True	True	True
297	True	True	True	True	True	True
298	True	True	True	True	True	True
299	True	True	True	True	True	True
300	True	True	True	True	True	True
301	True	True	True	True	True	True
302	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
303	True	True	True	True	True	True
304	True	True	True	True	True	True
305	True	True	True	True	True	True
306	True	True	True	True	True	True
307	True	True	True	True	True	True
308	True	True	True	True	True	True
309	True	True	True	True	True	True
310	True	True	True	True	True	True
311	True	True	True	True	True	True
312	True	True	True	True	True	True
313	True	True	True	True	True	True
314	True	True	True	True	True	True
315	True	True	True	True	True	True
316	True	True	True	True	True	True
317	True	True	True	True	True	True
318	True	True	True	True	True	True
319	True	True	True	True	True	True
320	True	True	True	True	True	True
321	True	True	True	True	True	True
322	True	True	True	True	True	True
323	True	True	True	True	True	True
324	True	True	True	True	True	True
325	True	True	True	True	True	True
326	True	True	True	True	True	True
327	True	True	True	True	True	True
328	True	True	True	True	True	True
329	True	True	True	True	True	True
330	True	True	True	True	True	True
331	True	True	True	True	True	True
332	True	True	True	True	True	True
333	True	True	True	True	True	True
334	True	True	True	True	True	True
335	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
336	True	True	True	True	True	True
337	True	True	True	True	True	True
338	True	True	True	True	True	True
339	True	True	True	True	True	True
340	True	True	True	True	True	True
341	True	True	True	True	True	True
342	True	True	True	True	True	True
343	True	True	True	True	True	True
344	True	True	True	True	True	True
345	True	True	True	True	True	True
346	True	True	True	True	True	True
347	True	True	True	True	True	True
348	True	True	True	True	True	True
349	True	True	True	True	True	True
350	True	True	True	True	True	True
351	True	True	True	True	True	True
352	True	True	True	True	True	True
353	True	True	True	True	True	True
354	True	True	True	True	True	True
355	True	True	True	True	True	True
356	True	True	True	True	True	True
357	True	True	True	True	True	True
358	True	True	True	True	True	True
359	True	True	True	True	True	True
360	True	True	True	True	True	True
361	True	True	True	True	True	True
362	True	True	True	True	True	True
363	True	True	True	True	True	True
364	True	True	True	True	True	True
365	True	True	True	True	True	True
366	True	True	True	True	True	True
367	True	True	True	True	True	True
368	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
369	True	True	True	True	True	True
370	True	True	True	True	True	True
371	True	True	True	True	True	True
372	True	True	True	True	True	True
373	True	True	True	True	True	True
374	True	True	True	True	True	True
375	True	True	True	True	True	True
376	True	True	True	True	True	True
377	True	True	True	True	True	True
378	True	True	True	True	True	True
379	True	True	True	True	True	True
380	True	True	True	True	True	True
381	True	True	True	True	True	True
382	True	True	True	True	True	True
383	True	True	True	True	True	True
384	True	True	True	True	True	True
385	True	True	True	True	True	True
386	True	True	True	True	True	True
387	True	True	True	True	True	True
388	True	True	True	True	True	True
389	True	True	True	True	True	True
390	True	True	True	True	True	True
391	True	True	True	True	True	True
392	True	True	True	True	True	True
393	True	True	True	True	True	True
394	True	True	True	True	True	True
395	True	True	True	True	True	True
396	True	True	True	True	True	True
397	True	True	True	True	True	True
398	True	True	True	True	True	True
399	True	True	True	True	True	True
400	True	True	True	True	True	True
401	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
402	True	True	True	True	True	True
403	True	True	True	True	True	True
404	True	True	True	True	True	True
405	True	True	True	True	True	True
406	True	True	True	True	True	True
407	True	True	True	True	True	True
408	True	True	True	True	True	True
409	True	True	True	True	True	True
410	True	True	True	True	True	True
411	True	True	True	True	True	True
412	True	True	True	True	True	True
413	True	True	True	True	True	True
414	True	True	True	True	True	True
415	True	True	True	True	True	True
416	True	True	True	True	True	True
417	True	True	True	True	True	True
418	True	True	True	True	True	True
419	True	True	True	True	True	True
420	True	True	True	True	True	True
421	True	True	True	True	True	True
422	True	True	True	True	True	True
423	True	True	True	True	True	True
424	True	True	True	True	True	True
425	True	True	True	True	True	True
426	True	True	True	True	True	True
427	True	True	True	True	True	True
428	True	True	True	True	True	True
429	True	True	True	True	True	True
430	True	True	True	True	True	True
431	True	True	True	True	True	True
432	True	True	True	True	True	True
433	True	True	True	True	True	True
434	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
435	True	True	True	True	True	True
436	True	True	True	True	True	True
437	True	True	True	True	True	True
438	True	True	True	True	True	True
439	True	True	True	True	True	True
440	True	True	True	True	True	True
441	True	True	True	True	True	True
442	True	True	True	True	True	True
443	True	True	True	True	True	True
444	True	True	True	True	True	True
445	True	True	True	True	True	True
446	True	True	True	True	True	True
447	True	True	True	True	True	True
448	True	True	True	True	True	True
449	True	True	True	True	True	True
450	True	True	True	True	True	True
451	True	True	True	True	True	True
452	True	True	True	True	True	True
453	True	True	True	True	True	True
454	True	True	True	True	True	True
455	True	True	True	True	True	True
456	True	True	True	True	True	True
457	True	True	True	True	True	True
458	True	True	True	True	True	True
459	True	True	True	True	True	True
460	True	True	True	True	True	True
461	True	True	True	True	True	True
462	True	True	True	True	True	True
463	True	True	True	True	True	True
464	True	True	True	True	True	True
465	True	True	True	True	True	True
466	True	True	True	True	True	True
467	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
468	True	True	True	True	True	True
469	True	True	True	True	True	True
470	True	True	True	True	True	True
471	True	True	True	True	True	True
472	True	True	True	True	True	True
473	True	True	True	True	True	True
474	True	True	True	True	True	True
475	True	True	True	True	True	True
476	True	True	True	True	True	True
477	True	True	True	True	True	True
478	True	True	True	True	True	True
479	True	True	True	True	True	True
480	True	True	True	True	True	True
481	True	True	True	True	True	True
482	True	True	True	True	True	True
483	True	True	True	True	True	True
484	True	True	True	True	True	True
485	True	True	True	True	True	True
486	True	True	True	True	True	True
487	True	True	True	True	True	True
488	True	True	True	True	True	True
489	True	True	True	True	True	True
490	True	True	True	True	True	True
491	True	True	True	True	True	True
492	True	True	True	True	True	True
493	True	True	True	True	True	True
494	True	True	True	True	True	True
495	True	True	True	True	True	True
496	True	True	True	True	True	True
497	True	True	True	True	True	True
498	True	True	True	True	True	True
499	True	True	True	True	True	True
500	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
501	True	True	True	True	True	True
502	True	True	True	True	True	True
503	True	True	True	True	True	True
504	True	True	True	True	True	True
505	True	True	True	True	True	True
506	True	True	True	True	True	True
507	True	True	True	True	True	True
508	True	True	True	True	True	True
509	True	True	True	True	True	True
510	True	True	True	True	True	True
511	True	True	True	True	True	True
512	True	True	True	True	True	True
513	True	True	True	True	True	True
514	True	True	True	True	True	True
515	True	True	True	True	True	True
516	True	True	True	True	True	True
517	True	True	True	True	True	True
518	True	True	True	True	True	True
519	True	True	True	True	True	True
520	True	True	True	True	True	True
521	True	True	True	True	True	True
522	True	True	True	True	True	True
523	True	True	True	True	True	True
524	True	True	True	True	True	True
525	True	True	True	True	True	True
526	True	True	True	True	True	True
527	True	True	True	True	True	True
528	True	True	True	True	True	True
529	True	True	True	True	True	True
530	True	True	True	True	True	True
531	True	True	True	True	True	True
532	True	True	True	True	True	True
533	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
534	True	True	True	True	True	True
535	True	True	True	True	True	True
536	True	True	True	True	True	True
537	True	True	True	True	True	True
538	True	True	True	True	True	True
539	True	True	True	True	True	True
540	True	True	True	True	True	True
541	True	True	True	True	True	True
542	True	True	True	True	True	True
543	True	True	True	True	True	True
544	True	True	True	True	True	True
545	True	True	True	True	True	True
546	True	True	True	True	True	True
547	True	True	True	True	True	True
548	True	True	True	True	True	True
549	True	True	True	True	True	True
550	True	True	True	True	True	True
551	True	True	True	True	True	True
552	True	True	True	True	True	True
553	True	True	True	True	True	True
554	True	True	True	True	True	True
555	True	True	True	True	True	True
556	True	True	True	True	True	True
557	True	True	True	True	True	True
558	True	True	True	True	True	True
559	True	True	True	True	True	True
560	True	True	True	True	True	True
561	True	True	True	True	True	True
562	True	True	True	True	True	True
563	True	True	True	True	True	True
564	True	True	True	True	True	True
565	True	True	True	True	True	True
566	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
567	True	True	True	True	True	True
568	True	True	True	True	True	True
569	True	True	True	True	True	True
570	True	True	True	True	True	True
571	True	True	True	True	True	True
572	True	True	True	True	True	True
573	True	True	True	True	True	True
574	True	True	True	True	True	True
575	True	True	True	True	True	True
576	True	True	True	True	True	True
577	True	True	True	True	True	True
578	True	True	True	True	True	True
579	True	True	True	True	True	True
580	True	True	True	True	True	True
581	True	True	True	True	True	True
582	True	True	True	True	True	True
583	True	True	True	True	True	True
584	True	True	True	True	True	True
585	True	True	True	True	True	True
586	True	True	True	True	True	True
587	True	True	True	True	True	True
588	True	True	True	True	True	True
589	True	True	True	True	True	True
590	True	True	True	True	True	True
591	True	True	True	True	True	True
592	True	True	True	True	True	True
593	True	True	True	True	True	True
594	True	True	True	True	True	True
595	True	True	True	True	True	True
596	True	True	True	True	True	True
597	True	True	True	True	True	True
598	True	True	True	True	True	True
599	True	True	True	True	True	True

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
600	True	True	True	True	True	True
601	True	True	True	True	True	True
602	True	True	True	True	True	True
603	True	True	True	True	True	True
604	True	True	True	True	True	True
605	True	True	True	True	True	True

In [9]: `TaSy_CH.notnull().sum()`

Out[9]: Sr. No. 606
 Channel Name 606
 HD/SD 606
 Genre 606
 EPG No. 606
 FTA/Pay 606
 MRP 606
 dtype: int64

In [10]: `TaSy_CH.interpolate(how='linear')`

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
0	DD National	SD	Hindi Entertainment	114	FTA	0.00
1	Star Plus HD	HD	Hindi Entertainment	115	Pay	22.42
2	Star Plus	SD	Hindi Entertainment	117	Pay	22.42
3	Star Bharat HD	HD	Hindi Entertainment	121	Pay	22.42
4	Star Bharat	SD	Hindi Entertainment	122	Pay	11.80
5	SET HD	HD	Hindi Entertainment	128	Pay	22.42
6	SET	SD	Hindi Entertainment	130	Pay	22.42
7	Sony SAB HD	HD	Hindi Entertainment	132	Pay	22.42
8	Sony SAB	SD	Hindi Entertainment	134	Pay	22.42
9	&TV HD	HD	Hindi Entertainment	137	Pay	22.42
10	&TV	SD	Hindi Entertainment	139	Pay	14.16
11	Zee TV HD	HD	Hindi Entertainment	141	Pay	22.42
12	Zee TV	SD	Hindi Entertainment	143	Pay	22.42
13	Colors HD	HD	Hindi Entertainment	147	Pay	22.42
14	Colors	SD	Hindi Entertainment	149	Pay	22.42
15	UTV Bindass	SD	Hindi Entertainment	153	Pay	1.18
16	Investigation Discovery	SD	Hindi Entertainment	155	Pay	1.18

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
17	18	Naaptol	SD	Shopping	156	FTA	0.00
18	19	Ezmall	SD	Others	158	FTA	0.00
19	20	Star Utsav	SD	Hindi Entertainment	171	Pay	1.18
20	21	Zee Anmol	SD	Hindi Entertainment	172	Pay	0.12
21	22	Colors Rishtey	SD	Hindi Entertainment	173	Pay	1.18
22	23	Sony Pal	SD	Hindi Entertainment	174	Pay	1.18
23	24	The Q	SD	Hindi Entertainment	175	FTA	0.00
24	25	Big Magic	SD	Hindi Entertainment	176	Pay	0.12
25	26	Dangal	SD	Hindi Entertainment	177	FTA	0.00
26	27	Anjan TV	SD	Hindi Entertainment	178	FTA	0.00
27	28	DD Retro	SD	Hindi Entertainment	180	FTA	0.00
28	29	Shemaroo TV	SD	Hindi Entertainment	181	FTA	0.00
29	30	Ishara	SD	Hindi Entertainment	182	Pay	5.90
30	31	Azaad	SD	Hindi Entertainment	183	FTA	0.00
31	32	DD Kisan	SD	Hindi Entertainment	198	FTA	0.00
32	33	Star World HD	HD	English Entertainment	202	Pay	10.62
33	34	Star World	SD	English Entertainment	203	Pay	9.44
34	35	Star World Premiere HD	HD	English Entertainment	206	Pay	10.62
35	36	Zee Caf? HD	HD	English Entertainment	210	Pay	22.42
36	37	Zee Caf?	SD	English Entertainment	211	Pay	17.70
37	38	Colors Infinity HD	HD	English Entertainment	214	Pay	10.62
38	39	Colors Infinity	SD	English Entertainment	215	Pay	5.90
39	40	Comedy Central HD	HD	English Entertainment	218	Pay	10.62
40	41	Comedy Central	SD	English Entertainment	219	Pay	5.90
41	42	Disney International HD	HD	English Entertainment	221	Pay	14.16
42	43	Star Gold HD	HD	Hindi Movies	308	Pay	11.80
43	44	Star Gold	SD	Hindi Movies	310	Pay	9.44

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
44	45	Sony Max HD	HD	Hindi Movies	312	Pay	20.06
45	46	Sony Max	SD	Hindi Movies	314	Pay	17.70
46	47	Star Gold 2	SD	Hindi Movies	317	Pay	1.18
47	48	Zee Cinema HD	HD	Hindi Movies	319	Pay	22.42
48	49	Zee Cinema	SD	Hindi Movies	321	Pay	17.70
49	50	UTV HD	HD	Hindi Movies	322	Pay	9.44
50	51	UTV Movies	SD	Hindi Movies	323	Pay	2.36
51	52	UTV Action	SD	Hindi Movies	325	Pay	2.36
52	53	Zee Bollywood	SD	Hindi Movies	327	Pay	2.36
53	54	Zee Classic	SD	Hindi Movies	328	Pay	0.59
54	55	&pictures HD	HD	Hindi Movies	331	Pay	22.42
55	56	&pictures	SD	Hindi Movies	332	Pay	7.08
56	57	Colors Cineplex HD	HD	Hindi Movies	344	Pay	5.90
57	58	Colors Cineplex	SD	Hindi Movies	345	Pay	3.54
58	59	B4U Kadak	SD	Hindi Movies	346	FTA	0.00
59	60	Zee Action	SD	Hindi Movies	349	Pay	1.18
60	61	Sony Wah	SD	Hindi Movies	351	Pay	1.18
61	62	B4U Movies	SD	Hindi Movies	352	FTA	0.00
62	63	Sony Max 2	SD	Hindi Movies	355	Pay	1.18
63	64	Star Gold Select HD	HD	Hindi Movies	356	Pay	11.80
64	65	Star Gold Select	SD	Hindi Movies	357	Pay	8.26
65	66	Cinema TV India	SD	Hindi Movies	358	FTA	0.00
66	67	Wow Cinema One	SD	Hindi Movies	365	FTA	0.00
67	68	Enterr10 Movies	SD	Hindi Movies	366	FTA	0.00
68	69	Bflix Movies	SD	Hindi Movies	367	FTA	0.00
69	70	Star Utsav Movies	SD	Hindi Movies	369	Pay	1.18
70	71	Zee Anmol Cinema	SD	Hindi Movies	371	Pay	0.12
71	72	Dhinchaak	SD	Hindi Movies	375	FTA	0.00
72	73	Manoranjan TV	SD	Hindi Movies	376	FTA	0.00
73	74	Star Movies HD	HD	English Movies	402	Pay	22.42
74	75	Star Movies	SD	English Movies	403	Pay	14.16
75	76	Sony Pix HD	HD	English Movies	406	Pay	17.70
76	77	Sony Pix	SD	English Movies	407	Pay	11.80

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
77	78	&flix HD	HD	English Movies	412	Pay	22.42
78	79	&flix	SD	English Movies	413	Pay	17.70
79	80	Star Movies Select HD	HD	English Movies	418	Pay	11.80
80	81	Movies Now HD	HD	English Movies	420	Pay	14.16
81	82	Movies Now	SD	English Movies	421	Pay	11.80
82	83	MN+ HD	HD	English Movies	423	Pay	11.80
83	84	MNX HD	HD	English Movies	425	Pay	10.62
84	85	MNX	SD	English Movies	426	Pay	7.08
85	86	Romedy Now	SD	English Movies	429	Pay	7.08
86	87	&prive HD	HD	English Movies	431	Pay	22.42
87	88	DD Sports	SD	Sports	453	FTA	0.00
88	89	Star Sports 1 HD	HD	Sports	454	Pay	22.42
89	90	Star Sports 1	SD	Sports	455	Pay	22.42
90	91	Star Sports 2 HD	HD	Sports	456	Pay	22.42
91	92	Star Sports 2	SD	Sports	457	Pay	7.08
92	93	Star Sports 3	SD	Sports	458	Pay	4.72
93	94	Star Sports 1 Hindi HD	HD	Sports	459	Pay	22.42
94	95	Star Sports 1 Hindi	SD	Sports	460	Pay	22.42
95	96	Star Sports Select 1 HD	HD	Sports	463	Pay	22.42
96	97	Star Sports Select 1	SD	Sports	464	Pay	22.42
97	98	Star Sports Select 2 HD	HD	Sports	465	Pay	11.80
98	99	Star Sports Select 2	SD	Sports	466	Pay	8.26
99	100	Sony Ten 1 HD	HD	Sports	470	Pay	22.42
100	101	Sony Ten 1	SD	Sports	471	Pay	22.42
101	102	Sony Ten 2 HD	HD	Sports	473	Pay	20.06
102	103	Sony Ten 2	SD	Sports	474	Pay	17.70
103	104	Sony Ten 3 HD	HD	Sports	475	Pay	20.06
104	105	Sony Ten 3	SD	Sports	476	Pay	20.06
105	106	Sony Six HD	HD	Sports	483	Pay	22.42
106	107	Sony Six	SD	Sports	484	Pay	17.70
107	108	Eurosport HD	HD	Sports	495	Pay	7.08
108	109	Eurosport	SD	Sports	496	Pay	4.72
109	110	Star Sports First	SD	Sports	497	Pay	1.18

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
110	111	1Sports	SD	Sports	498	Pay	4.72
111	112	DD News HD	HD	Hindi News	501	FTA	0.00
112	113	DD News	SD	Hindi News	502	FTA	0.00
113	114	ABP News	SD	Hindi News	504	FTA	0.00
114	115	NDTV India	SD	Hindi News	506	Pay	1.18
115	116	Aaj Tak HD	HD	Hindi News	508	Pay	1.77
116	117	Aaj Tak	SD	Hindi News	509	Pay	0.89
117	118	Zee News	SD	Hindi News	511	Pay	0.12
118	119	India TV	SD	Hindi News	514	FTA	0.00
119	120	News 24	SD	Hindi News	516	FTA	0.00
120	121	News18 India	SD	Hindi News	519	Pay	0.12
121	122	Zee Hindustan	SD	Hindi News	520	Pay	0.12
122	123	R Bharat	SD	Hindi News	521	FTA	0.00
123	124	India News	SD	Hindi News	522	FTA	0.00
124	125	News Nation	SD	Hindi News	523	FTA	0.00
125	126	TV9 Bharatvarsh	SD	Hindi News	524	FTA	0.00
126	127	Good News Today	SD	Hindi News	525	Pay	0.30
127	128	Total TV	SD	Hindi News	527	FTA	0.00
128	129	Times Now Navbharat HD	HD	Hindi News	528	Pay	1.77
129	130	Sudarshan News	SD	Hindi News	534	FTA	0.00
130	131	APN News	SD	Hindi News	542	FTA	0.00
131	132	India Voice	SD	Hindi News	551	FTA	0.00
132	133	News 11 Bharat	SD	Hindi News	552	FTA	0.00
133	134	News 1 India	SD	Hindi News	553	FTA	0.00
134	135	Hindi Khabar	SD	Hindi News	557	FTA	0.00
135	136	Bharat Samachar	SD	Hindi News	559	FTA	0.00
136	137	News India 24x7	SD	Hindi News	562	FTA	0.00
137	138	Khabrain Abhi Tak	SD	Hindi News	563	FTA	0.00
138	139	Samay	SD	Hindi News	566	FTA	0.00
139	140	Network 10	SD	Hindi News	567	FTA	0.00
140	141	Jantantra TV	SD	Hindi News	568	FTA	0.00
141	142	Prime News	SD	Hindi News	569	FTA	0.00
142	143	Zee Business	SD	Hindi News	590	Pay	0.12

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
143	144	CNBC Awaaz	SD	Hindi News	592	Pay	1.18
144	145	Lok Sabha TV	SD	Hindi News	598	FTA	0.00
145	146	Rajya Sabha TV	SD	Hindi News	599	FTA	0.00
146	147	NDTV 24x7	SD	English News	601	Pay	3.54
147	148	Times Now World (HD)	HD	English News	603	Pay	5.90
148	149	Times Now	SD	English News	604	Pay	3.54
149	150	India Today	SD	English News	606	Pay	1.18
150	151	CNN News18	SD	English News	608	Pay	0.59
151	152	NewsX	SD	English News	610	FTA	0.00
152	153	Mirror Now	SD	English News	612	Pay	0.59
153	154	WION	SD	English News	613	Pay	1.18
154	155	Republic TV	SD	English News	616	FTA	0.00
155	156	India Ahead	SD	English News	617	FTA	0.00
156	157	DD India	SD	English News	622	FTA	0.00
157	158	NDTV Profit Prime	SD	English News	623	Pay	1.18
158	159	CNBC TV18 Prime HD	HD	English News	625	Pay	1.18
159	160	CNBC TV18	SD	English News	626	Pay	4.72
160	161	ET Now	SD	English News	627	Pay	3.54
161	162	CNN	SD	English News	631	Pay	0.59
162	163	BBC World	SD	English News	633	Pay	1.18
163	164	Al Jazeera	SD	English News	637	FTA	0.00
164	165	Channel News Asia	SD	English News	638	FTA	0.00
165	166	France 24	SD	English News	639	FTA	0.00
166	167	TV5 Monde Asie	SD	English News	640	FTA	0.00
167	168	DW	SD	English News	641	FTA	0.00
168	169	Australia TV	SD	English News	642	FTA	0.00
169	170	Russia Today	SD	English News	643	FTA	0.00
170	171	Hungama TV	SD	Kids	652	Pay	7.08
171	172	Marvel HQ	SD	Kids	655	Pay	4.72
172	173	Disney	SD	Kids	658	Pay	9.44
173	174	Nick HD+	HD	Kids	662	Pay	11.80
174	175	Nick	SD	Kids	663	Pay	7.08
175	176	Cartoon Network HD+	HD	Kids	666	Pay	5.90

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
176	177	Cartoon Network	SD	Kids	667	Pay	5.02
177	178	Pogo	SD	Kids	670	Pay	5.02
178	179	Discovery Kids	SD	Kids	672	Pay	3.54
179	180	Sonic Nickelodeon	SD	Kids	674	Pay	2.36
180	181	Sony Yay	SD	Kids	676	Pay	2.36
181	182	Gubbare	SD	Kids	678	Pay	0.77
182	183	ETV Bal Bharat	SD	Kids	680	Pay	4.72
183	184	Baby TV HD	HD	Kids	684	Pay	1.18
184	185	Nick Jr	SD	Kids	685	Pay	1.18
185	186	Disney Junior	SD	Kids	686	Pay	4.72
186	187	CBeebies	SD	Kids	687	Pay	5.90
187	188	Kushi TV	SD	Kids	692	Pay	4.72
188	189	Chutti TV	SD	Kids	693	Pay	7.08
189	190	Chintu TV	SD	Kids	694	Pay	7.08
190	191	Kochu TV	SD	Kids	695	Pay	5.90
191	192	National Geographic HD	HD	Knowledge & Lifestyle	708	Pay	11.80
192	193	National Geographic	SD	Knowledge & Lifestyle	709	Pay	2.36
193	194	Nat Geo Wild HD	HD	Knowledge & Lifestyle	711	Pay	5.90
194	195	Nat Geo Wild	SD	Knowledge & Lifestyle	712	Pay	1.18
195	196	Discovery HD World	HD	Knowledge & Lifestyle	713	Pay	7.08
196	197	Discovery Channel	SD	Knowledge & Lifestyle	714	Pay	4.72
197	198	Animal Planet HD World	HD	Knowledge & Lifestyle	716	Pay	3.54
198	199	Animal Planet	SD	Knowledge & Lifestyle	717	Pay	2.36
199	200	Discovery Science	SD	Knowledge & Lifestyle	719	Pay	1.18
200	201	History TV18 HD	HD	Knowledge & Lifestyle	720	Pay	8.26
201	202	History TV18	SD	Knowledge & Lifestyle	721	Pay	3.54

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
202	203	Sony BBC Earth HD	HD	Knowledge & Lifestyle	724	Pay	11.80
203	204	Sony BBC Earth	SD	Knowledge & Lifestyle	725	Pay	4.72
204	205	Epic	SD	Knowledge & Lifestyle	735	Pay	2.36
205	206	Fox Life HD	HD	Knowledge & Lifestyle	753	Pay	1.18
206	207	Fox Life	SD	Knowledge & Lifestyle	754	Pay	1.18
207	208	DD Gyan Darshan	SD	Knowledge & Lifestyle	755	FTA	0.00
208	209	Swayam Prabha	SD	Knowledge & Lifestyle	756	FTA	0.00
209	210	TLC HD	HD	Knowledge & Lifestyle	759	Pay	3.54
210	211	TLC	SD	Knowledge & Lifestyle	760	Pay	2.36
211	212	Good Times	SD	Knowledge & Lifestyle	762	Pay	1.77
212	213	Discovery Turbo	SD	Knowledge & Lifestyle	764	Pay	1.18
213	214	TravelXP HD	HD	Knowledge & Lifestyle	765	Pay	10.62
214	215	TravelXP	SD	Knowledge & Lifestyle	766	Pay	3.54
215	216	Food Food	SD	Knowledge & Lifestyle	768	FTA	0.00
216	217	Zee Zest HD	HD	Knowledge & Lifestyle	769	Pay	11.80
217	218	Zee Zest	SD	Knowledge & Lifestyle	770	Pay	1.18
218	219	Fashion TV	SD	Knowledge & Lifestyle	772	FTA	0.00
219	220	MTV HD+	HD	Music	806	Pay	5.90
220	221	MTV	SD	Music	807	Pay	3.54
221	222	9XM	SD	Music	809	FTA	0.00
222	223	Zoom	SD	Music	811	Pay	0.59
223	224	E24	SD	Music	813	FTA	0.00
224	225	MTV Beats HD	HD	Music	820	Pay	1.18

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
225	226	MTV Beats	SD	Music	821	Pay	0.12
226	227	B4U Music	SD	Music	822	FTA	0.00
227	228	Mastiii	SD	Music	825	FTA	0.00
228	229	Zing	SD	Music	826	Pay	0.12
229	230	9X Jalwa	SD	Music	830	FTA	0.00
230	231	insync	SD	Music	833	FTA	0.00
231	232	Showbox	SD	Music	835	FTA	0.00
232	233	Vh1 HD	HD	Music	855	Pay	2.36
233	234	Vh1	SD	Music	856	Pay	1.18
234	235	Aastha	SD	Spiritual	1055	FTA	0.00
235	236	Sanskars	SD	Spiritual	1057	FTA	0.00
236	237	Disha TV	SD	Spiritual	1058	FTA	0.00
237	238	Paras TV	SD	Spiritual	1059	FTA	0.00
238	239	MH One Shraddha	SD	Spiritual	1061	FTA	0.00
239	240	Sadhna TV	SD	Spiritual	1063	FTA	0.00
240	241	Sharnam TV	SD	Spiritual	1064	FTA	0.00
241	242	Peace of Mind	SD	Spiritual	1065	FTA	0.00
242	243	Jinvani Channel	SD	Spiritual	1066	FTA	0.00
243	244	Arihant	SD	Spiritual	1067	FTA	0.00
244	245	Ishwar TV	SD	Spiritual	1068	FTA	0.00
245	246	Satsang TV	SD	Spiritual	1073	FTA	0.00
246	247	Shubh TV	SD	Spiritual	1074	FTA	0.00
247	248	Aastha Bhajan	SD	Spiritual	1077	FTA	0.00
248	249	Vedic	SD	Spiritual	1078	FTA	0.00
249	250	Subharti TV	SD	Spiritual	1082	FTA	0.00
250	251	Divya	SD	Spiritual	1083	FTA	0.00
251	252	Awakening	SD	Spiritual	1084	FTA	0.00
252	253	Santwani	SD	Spiritual	1085	FTA	0.00
253	254	Big Ganga	SD	Hindi Regional	1102	Pay	0.59
254	255	Dishum	SD	Hindi Regional	1103	FTA	0.00
255	256	Enterr10 Rangeela	SD	Hindi Regional	1104	FTA	0.00
256	257	Zee Biskope	SD	Hindi Regional	1113	Pay	0.12
257	258	Filamchi Bhojpuri	SD	Hindi Regional	1114	Pay	0.30

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
258	259	Oscar Movies Bhojpuri	SD	Hindi Regional	1118	FTA	0.00
259	260	Bhojpuri Cinema	SD	Hindi Regional	1119	FTA	0.00
260	261	B4U Bhojpuri	SD	Hindi Regional	1120	FTA	0.00
261	262	Mango TV	SD	Hindi Regional	1122	FTA	0.00
262	263	News18 Uttar Pradesh Uttarakhand	SD	Hindi Regional	1125	Pay	0.12
263	264	Zee Uttar Pradesh Uttarakhand	SD	Hindi Regional	1126	Pay	0.12
264	265	ABP Ganga	SD	Hindi Regional	1127	FTA	0.00
265	266	News18 Bihar Jharkhand	SD	Hindi Regional	1129	Pay	0.12
266	267	Zee Bihar Jharkhand	SD	Hindi Regional	1130	Pay	0.12
267	268	India News UP UK	SD	Hindi Regional	1136	FTA	0.00
268	269	News State UP Uttarakhand	SD	Hindi Regional	1137	FTA	0.00
269	270	Sadhna Plus News	SD	Hindi Regional	1138	FTA	0.00
270	271	Kashish News	SD	Hindi Regional	1139	FTA	0.00
271	272	DD Bharati	SD	Hindi Regional	1152	FTA	0.00
272	273	DD Uttar Pradesh	SD	Hindi Regional	1153	FTA	0.00
273	274	DD Bihar	SD	Hindi Regional	1154	FTA	0.00
274	275	News18 Madhya Pradesh Chhattisgarh	SD	Hindi Regional	1155	Pay	0.12
275	276	Zee Madhya Pradesh Chattisgarh	SD	Hindi Regional	1156	Pay	0.12
276	277	IBC 24	SD	Hindi Regional	1161	FTA	0.00
277	278	Bansal News	SD	Hindi Regional	1162	FTA	0.00
278	279	INH 24X7	SD	Hindi Regional	1163	FTA	0.00
279	280	India News MP CG	SD	Hindi Regional	1164	FTA	0.00
280	281	News State MP CG	SD	Hindi Regional	1165	FTA	0.00
281	282	Swaraj Express SMBC	SD	Hindi Regional	1166	FTA	0.00
282	283	Sadhna News MP CG	SD	Hindi Regional	1168	FTA	0.00
283	284	News 24 MP CG	SD	Hindi Regional	1169	FTA	0.00
284	285	Anaadi TV	SD	Hindi Regional	1170	FTA	0.00
285	286	DD Madhya Pradesh	SD	Hindi Regional	1175	FTA	0.00
286	287	News18 Rajasthan	SD	Hindi Regional	1176	Pay	0.12
287	288	Zee Rajasthan News	SD	Hindi Regional	1177	Pay	0.12
288	289	First India Rajasthan	SD	Hindi Regional	1182	FTA	0.00
289	290	India News Rajasthan	SD	Hindi Regional	1183	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
290	291	Patrika TV Rajasthan	SD	Hindi Regional	1184	FTA	0.00
291	292	Jan TV	SD	Hindi Regional	1185	FTA	0.00
292	293	A1 TV	SD	Hindi Regional	1186	FTA	0.00
293	294	DD Rajasthan	SD	Hindi Regional	1190	FTA	0.00
294	295	News18 Urdu	SD	Hindi Regional	1191	Pay	0.12
295	296	Zee Salaam	SD	Hindi Regional	1192	Pay	0.12
296	297	Channel Win	SD	Hindi Regional	1193	FTA	0.00
297	298	Gulistan News	SD	Hindi Regional	1194	FTA	0.00
298	299	Tehzeeb TV	SD	Hindi Regional	1195	FTA	0.00
299	300	DD Urdu	SD	Hindi Regional	1199	FTA	0.00
300	301	Colors Marathi HD	HD	Marathi Regional	1201	Pay	20.06
301	302	Colors Marathi	SD	Marathi Regional	1202	Pay	11.80
302	303	Zee Marathi HD	HD	Marathi Regional	1203	Pay	22.42
303	304	Zee Marathi	SD	Marathi Regional	1204	Pay	22.42
304	305	Star Pravah HD	HD	Marathi Regional	1207	Pay	17.70
305	306	Star Pravah	SD	Marathi Regional	1208	Pay	10.62
306	307	Zee Yuva	SD	Marathi Regional	1211	Pay	1.18
307	308	Sony Marathi	SD	Marathi Regional	1213	Pay	4.72
308	309	Fakt Marathi	SD	Marathi Regional	1220	FTA	0.00
309	310	Zee Talkies HD	HD	Marathi Regional	1225	Pay	22.42
310	311	Zee Talkies	SD	Marathi Regional	1226	Pay	2.36
311	312	Shemaroo Marathi Bana	SD	Marathi Regional	1230	FTA	0.00
312	313	ABP Majha	SD	Marathi Regional	1255	FTA	0.00
313	314	News18 Lokmat	SD	Marathi Regional	1257	Pay	0.12
314	315	Zee 24 Taas	SD	Marathi Regional	1259	Pay	0.12
315	316	Saam TV	SD	Marathi Regional	1261	FTA	0.00
316	317	Jai Maharashtra	SD	Marathi Regional	1262	FTA	0.00
317	318	TV9 Marathi	SD	Marathi Regional	1263	FTA	0.00
318	319	Lokshahi	SD	Marathi Regional	1265	FTA	0.00
319	320	DD Sahyadri	SD	Marathi Regional	1274	FTA	0.00
320	321	9X Jhakaas	SD	Marathi Regional	1276	FTA	0.00
321	322	Sangeet Marathi	SD	Marathi Regional	1277	FTA	0.00
322	323	Zee Vajwa	SD	Marathi Regional	1278	Pay	0.12

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
323	324	Colors Bangla HD	HD	Bengali Regional	1302	Pay	16.52
324	325	Colors Bangla	SD	Bengali Regional	1303	Pay	8.26
325	326	Zee Bangla HD	HD	Bengali Regional	1306	Pay	22.42
326	327	Zee Bangla	SD	Bengali Regional	1307	Pay	22.42
327	328	Star Jalsha HD	HD	Bengali Regional	1309	Pay	22.42
328	329	Star Jalsha	SD	Bengali Regional	1310	Pay	22.42
329	330	Sony Aath	SD	Bengali Regional	1312	Pay	4.72
330	331	Sun Bangla	SD	Bengali Regional	1317	FTA	0.00
331	332	Aakaash Aath	SD	Bengali Regional	1320	FTA	0.00
332	333	Ruposhi Bangla	SD	Bengali Regional	1321	FTA	0.00
333	334	Enterr10 Bangla	SD	Bengali Regional	1322	FTA	0.00
334	335	Jalsha Movies HD	HD	Bengali Regional	1326	Pay	22.42
335	336	Jalsha Movies	SD	Bengali Regional	1327	Pay	7.08
336	337	Zee Bangla Cinema	SD	Bengali Regional	1329	Pay	2.36
337	338	Colors Bangla Cinema	SD	Bengali Regional	1331	Pay	1.18
338	339	Khushboo Bangla	SD	Bengali Regional	1341	FTA	0.00
339	340	Star Sports 1 Bangla	SD	Bengali Regional	1350	Pay	22.42
340	341	ABP Ananda	SD	Bengali Regional	1360	FTA	0.00
341	342	Zee 24 Ghanta	SD	Bengali Regional	1362	Pay	0.12
342	343	Kolkata TV	SD	Bengali Regional	1363	FTA	0.00
343	344	News18 Bangla	SD	Bengali Regional	1365	Pay	0.12
344	345	TV9 Bangla	SD	Bengali Regional	1366	FTA	0.00
345	346	Republic Bangla	SD	Bengali Regional	1367	FTA	0.00
346	347	News Time Bangla	SD	Bengali Regional	1368	FTA	0.00
347	348	CTVN AKD Plus	SD	Bengali Regional	1369	FTA	0.00
348	349	Calcutta News	SD	Bengali Regional	1370	FTA	0.00
349	350	DD Bangla	SD	Bengali Regional	1379	FTA	0.00
350	351	Sangeet Bangla	SD	Bengali Regional	1380	FTA	0.00
351	352	Zee Telugu HD	HD	Telugu Regional	1403	Pay	22.42
352	353	Zee Telugu	SD	Telugu Regional	1404	Pay	22.42
353	354	Gemini TV HD	HD	Telugu Regional	1405	Pay	22.42
354	355	Gemini TV	SD	Telugu Regional	1406	Pay	22.42
355	356	Star Maa HD	HD	Telugu Regional	1408	Pay	22.42

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
356	357	Star Maa	SD	Telugu Regional	1409	Pay	22.42
357	358	ETV HD	HD	Telugu Regional	1411	Pay	22.42
358	359	ETV Telugu	SD	Telugu Regional	1412	Pay	20.06
359	360	Gemini Life	SD	Telugu Regional	1415	Pay	5.90
360	361	ETV Plus	SD	Telugu Regional	1417	Pay	8.26
361	362	Telugu Naaptol	SD	Telugu Regional	1419	FTA	0.00
362	363	Vissa TV	SD	Telugu Regional	1422	FTA	0.00
363	364	Studio Yuva	SD	Telugu Regional	1423	FTA	0.00
364	365	Gemini Movies HD	HD	Telugu Regional	1430	Pay	22.42
365	366	Gemini Movies	SD	Telugu Regional	1431	Pay	20.06
366	367	Star Maa Movies HD	HD	Telugu Regional	1432	Pay	22.42
367	368	Star Maa Movies	SD	Telugu Regional	1433	Pay	11.80
368	369	Star Maa Gold	SD	Telugu Regional	1435	Pay	2.36
369	370	Zee Cinemalu HD	HD	Telugu Regional	1437	Pay	18.88
370	371	Zee Cinemalu	SD	Telugu Regional	1438	Pay	11.80
371	372	ETV Cinema	SD	Telugu Regional	1440	Pay	7.08
372	373	Gemini Comedy	SD	Telugu Regional	1442	Pay	5.90
373	374	Star Sports 1 Telugu	SD	Telugu Regional	1446	Pay	22.42
374	375	ETV Life	SD	Telugu Regional	1451	Pay	1.18
375	376	ETV Abhiruchi	SD	Telugu Regional	1453	Pay	2.36
376	377	Sakshi TV	SD	Telugu Regional	1456	FTA	0.00
377	378	ETV Andhra Pradesh	SD	Telugu Regional	1457	Pay	1.18
378	379	TV5 News	SD	Telugu Regional	1458	FTA	0.00
379	380	TV9 Telugu	SD	Telugu Regional	1459	FTA	0.00
380	381	NTV Telugu	SD	Telugu Regional	1460	FTA	0.00
381	382	ABN Andhra Jyothy	SD	Telugu Regional	1461	FTA	0.00
382	383	T News	SD	Telugu Regional	1462	FTA	0.00
383	384	V6 News	SD	Telugu Regional	1463	FTA	0.00
384	385	ETV Telangana	SD	Telugu Regional	1464	Pay	1.18
385	386	HM TV	SD	Telugu Regional	1465	FTA	0.00
386	387	Raj News	SD	Telugu Regional	1466	FTA	0.00
387	388	10 TV	SD	Telugu Regional	1467	FTA	0.00
388	389	4TV News	SD	Telugu Regional	1470	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
389	390	Vidya	SD	Telugu Regional	1479	FTA	0.00
390	391	Nipuna	SD	Telugu Regional	1480	FTA	0.00
391	392	DD Saptagiri	SD	Telugu Regional	1481	FTA	0.00
392	393	DD Yadagiri	SD	Telugu Regional	1482	FTA	0.00
393	394	Gemini Music	SD	Telugu Regional	1484	Pay	4.72
394	395	Star Maa Music	SD	Telugu Regional	1486	Pay	1.18
395	396	Raj Musix Telugu	SD	Telugu Regional	1487	FTA	0.00
396	397	Bhakti TV	SD	Telugu Regional	1490	FTA	0.00
397	398	Subhavaartha TV	SD	Telugu Regional	1491	FTA	0.00
398	399	Aradana TV	SD	Telugu Regional	1492	FTA	0.00
399	400	Swara Sagar	SD	Telugu Regional	1493	FTA	0.00
400	401	Hindu Dharmam	SD	Telugu Regional	1494	FTA	0.00
401	402	SVBC	SD	Telugu Regional	1499	FTA	0.00
402	403	Sun TV HD	HD	Tamil Regional	1503	Pay	22.42
403	404	Sun TV	SD	Tamil Regional	1504	Pay	22.42
404	405	Sun Life	SD	Tamil Regional	1506	Pay	10.62
405	406	Star Vijay HD	HD	Tamil Regional	1507	Pay	22.42
406	407	Star Vijay	SD	Tamil Regional	1508	Pay	20.06
407	408	Zee Tamil HD	HD	Tamil Regional	1510	Pay	22.42
408	409	Zee Tamil	SD	Tamil Regional	1511	Pay	14.16
409	410	Vijay Super	SD	Tamil Regional	1513	Pay	2.36
410	411	Colors Tamil HD	HD	Tamil Regional	1514	Pay	8.26
411	412	Colors Tamil	SD	Tamil Regional	1515	Pay	3.54
412	413	Jaya TV HD	HD	Tamil Regional	1517	Pay	7.08
413	414	Kalaignar TV	SD	Tamil Regional	1518	FTA	0.00
414	415	Raj TV	SD	Tamil Regional	1520	Pay	3.54
415	416	D Tamil	SD	Tamil Regional	1521	Pay	4.72
416	417	Raj Digital Plus	SD	Tamil Regional	1522	Pay	1.77
417	418	Mega TV	SD	Tamil Regional	1523	Pay	3.54
418	419	Mega 24	SD	Tamil Regional	1524	Pay	1.18
419	420	Tamil Naaptol	SD	Tamil Regional	1525	FTA	0.00
420	421	Vasanth TV	SD	Tamil Regional	1530	FTA	0.00
421	422	Sirippoli	SD	Tamil Regional	1531	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
422	423	Polimer TV	SD	Tamil Regional	1532	FTA	0.00
423	424	Makkal TV	SD	Tamil Regional	1533	FTA	0.00
424	425	Peppers TV	SD	Tamil Regional	1534	FTA	0.00
425	426	Moon TV	SD	Tamil Regional	1535	FTA	0.00
426	427	Vendhar TV	SD	Tamil Regional	1536	FTA	0.00
427	428	KTV HD	HD	Tamil Regional	1540	Pay	22.42
428	429	KTV	SD	Tamil Regional	1541	Pay	22.42
429	430	Adithya TV	SD	Tamil Regional	1543	Pay	10.62
430	431	J Movies	SD	Tamil Regional	1544	Pay	2.66
431	432	Zee Thirai	SD	Tamil Regional	1546	Pay	5.90
432	433	Music Zone	SD	Tamil Regional	1547	FTA	0.00
433	434	Star Sports 1 Tamil	SD	Tamil Regional	1551	Pay	20.06
434	435	Sony Ten 4	SD	Tamil Regional	1552	Pay	20.06
435	436	TravelXP Tamil	SD	Tamil Regional	1553	Pay	1.77
436	437	Kalvi TV	SD	Tamil Regional	1554	FTA	0.00
437	438	Puthiya Thalaimurai	SD	Tamil Regional	1556	FTA	0.00
438	439	Thanthi TV	SD	Tamil Regional	1557	FTA	0.00
439	440	Jaya Plus	SD	Tamil Regional	1558	Pay	0.00
440	441	Sun News	SD	Tamil Regional	1559	Pay	0.00
441	442	News 7 Tamil	SD	Tamil Regional	1560	FTA	0.00
442	443	Polimer News	SD	Tamil Regional	1561	FTA	0.00
443	444	News18 Tamil Nadu	SD	Tamil Regional	1562	Pay	0.00
444	445	Seithigal TV	SD	Tamil Regional	1563	FTA	0.00
445	446	Raj News Tamil	SD	Tamil Regional	1564	Pay	0.00
446	447	Sathiyam TV	SD	Tamil Regional	1565	FTA	0.00
447	448	Malaimurasu Seithigal	SD	Tamil Regional	1566	FTA	0.00
448	449	Captain News	SD	Tamil Regional	1567	FTA	0.00
449	450	News J	SD	Tamil Regional	1568	FTA	0.00
450	451	DD Podhigai	SD	Tamil Regional	1578	FTA	0.00
451	452	Sun Music HD	HD	Tamil Regional	1579	Pay	22.42
452	453	Sun Music	SD	Tamil Regional	1580	Pay	7.08
453	454	Jaya Max	SD	Tamil Regional	1581	Pay	2.66
454	455	Raj Musix	SD	Tamil Regional	1582	Pay	1.18

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
455	456	Vijay Music	SD	Tamil Regional	1583	Pay	1.18
456	457	Isaiaruvi	SD	Tamil Regional	1584	FTA	0.00
457	458	Murasu TV	SD	Tamil Regional	1585	FTA	0.00
458	459	Mega Musiq	SD	Tamil Regional	1586	Pay	2.36
459	460	Jothi TV	SD	Tamil Regional	1587	FTA	0.00
460	461	Madha TV	SD	Tamil Regional	1590	FTA	0.00
461	462	Angel TV	SD	Tamil Regional	1591	FTA	0.00
462	463	Nambikkai TV	SD	Tamil Regional	1592	FTA	0.00
463	464	SVBC 2	SD	Tamil Regional	1599	FTA	0.00
464	465	Udaya TV HD	HD	Kannada Regional	1603	Pay	22.42
465	466	Udaya TV	SD	Kannada Regional	1604	Pay	20.06
466	467	Colors Kannada HD	HD	Kannada Regional	1605	Pay	22.42
467	468	Colors Kannada	SD	Kannada Regional	1606	Pay	22.42
468	469	Star Suvarna HD	HD	Kannada Regional	1609	Pay	22.42
469	470	Star Suvarna	SD	Kannada Regional	1610	Pay	22.42
470	471	Zee Kannada HD	HD	Kannada Regional	1611	Pay	22.42
471	472	Zee Kannada	SD	Kannada Regional	1612	Pay	22.42
472	473	Colors Super	SD	Kannada Regional	1615	Pay	3.54
473	474	Kannada Naaptol	SD	Kannada Regional	1617	FTA	0.00
474	475	Sirikannada All Time	SD	Kannada Regional	1618	FTA	0.00
475	476	Udaya Movies	SD	Kannada Regional	1626	Pay	18.88
476	477	Udaya Comedy	SD	Kannada Regional	1628	Pay	7.08
477	478	Star Suvarna Plus	SD	Kannada Regional	1630	Pay	5.90
478	479	Colors Kannada Cinema	SD	Kannada Regional	1632	Pay	2.36
479	480	Zee Picchar	SD	Kannada Regional	1634	Pay	3.54
480	481	Public Movies	SD	Kannada Regional	1639	FTA	0.00
481	482	Star Sports 1 Kannada	SD	Kannada Regional	1645	Pay	22.42
482	483	Kasthuri	SD	Kannada Regional	1650	FTA	0.00
483	484	TV9 Kannada	SD	Kannada Regional	1653	FTA	0.00
484	485	Asianet Suvarna News	SD	Kannada Regional	1654	FTA	0.00
485	486	Public TV	SD	Kannada Regional	1655	FTA	0.00
486	487	News18 Kannada	SD	Kannada Regional	1656	Pay	0.00
487	488	TV5 Kannada	SD	Kannada Regional	1657	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
488	489	Raj News Kannada	SD	Kannada Regional	1658	FTA	0.00
489	490	Dighvijay 24x7 News	SD	Kannada Regional	1659	FTA	0.00
490	491	Power TV	SD	Kannada Regional	1660	FTA	0.00
491	492	News 1st	SD	Kannada Regional	1661	FTA	0.00
492	493	DD Chandana	SD	Kannada Regional	1672	FTA	0.00
493	494	Udaya Music	SD	Kannada Regional	1673	Pay	0.00
494	495	Raj Musix Kannada	SD	Kannada Regional	1674	FTA	0.00
495	496	Public Music	SD	Kannada Regional	1677	FTA	0.00
496	497	Sri Sankara TV	SD	Kannada Regional	1685	FTA	0.00
497	498	Ayush TV	SD	Kannada Regional	1686	FTA	0.00
498	499	Colors Gujarati	SD	Gujarati Regional	1702	Pay	5.90
499	500	Colors Gujarati Cinema	SD	Gujarati Regional	1711	Pay	1.18
500	501	TV9 Gujarati	SD	Gujarati Regional	1720	FTA	0.00
501	502	Gujarat Samachar TV	SD	Gujarati Regional	1721	FTA	0.00
502	503	Sandesh News	SD	Gujarati Regional	1722	FTA	0.00
503	504	CNBC Bazaar	SD	Gujarati Regional	1724	Pay	0.00
504	505	News18 Gujarati	SD	Gujarati Regional	1726	Pay	0.00
505	506	ABP Asmita	SD	Gujarati Regional	1728	FTA	0.00
506	507	VTV Gujarati	SD	Gujarati Regional	1729	FTA	0.00
507	508	Zee 24 Kalak	SD	Gujarati Regional	1731	Pay	0.00
508	509	India News Gujarat	SD	Gujarati Regional	1732	FTA	0.00
509	510	Mantavya News	SD	Gujarati Regional	1734	FTA	0.00
510	511	DD Girnar	SD	Gujarati Regional	1739	FTA	0.00
511	512	Colors Oriya	SD	Odia Regional	1752	Pay	7.08
512	513	Tarang TV	SD	Odia Regional	1754	Pay	11.80
513	514	Zee Sarthak	SD	Odia Regional	1756	Pay	22.42
514	515	Manjari	SD	Odia Regional	1760	FTA	0.00
515	516	Alankar	SD	Odia Regional	1763	Pay	4.72
516	517	OTV	SD	Odia Regional	1771	FTA	0.00
517	518	Zee Odisha	SD	Odia Regional	1773	Pay	0.12
518	519	Kanak News	SD	Odia Regional	1774	FTA	0.00
519	520	News18 Odia	SD	Odia Regional	1776	Pay	0.12
520	521	Kalinga TV	SD	Odia Regional	1777	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
521	522	Prameya News 7	SD	Odia Regional	1778	FTA	0.00
522	523	Nandighosha TV	SD	Odia Regional	1779	FTA	0.00
523	524	Argus News	SD	Odia Regional	1780	FTA	0.00
524	525	DD Odia	SD	Odia Regional	1785	FTA	0.00
525	526	Tarang Music	SD	Odia Regional	1786	Pay	2.36
526	527	Prarthana TV	SD	Odia Regional	1795	Pay	2.36
527	528	Surya TV HD	HD	Malayalam Regional	1802	Pay	22.42
528	529	Surya TV	SD	Malayalam Regional	1803	Pay	14.16
529	530	Asianet HD	HD	Malayalam Regional	1806	Pay	22.42
530	531	Asianet	SD	Malayalam Regional	1807	Pay	22.42
531	532	Asianet Plus	SD	Malayalam Regional	1809	Pay	5.90
532	533	Zee Keralam HD	HD	Malayalam Regional	1811	Pay	9.44
533	534	Zee Keralam	SD	Malayalam Regional	1812	Pay	0.12
534	535	Flowers	SD	Malayalam Regional	1814	Pay	11.80
535	536	Amrita TV	SD	Malayalam Regional	1817	FTA	0.00
536	537	Mazhavil Manorama HD	HD	Malayalam Regional	1818	FTA	0.00
537	538	Mazhavil Manorama	SD	Malayalam Regional	1819	FTA	0.00
538	539	Kairali TV	SD	Malayalam Regional	1820	FTA	0.00
539	540	We TV	SD	Malayalam Regional	1822	FTA	0.00
540	541	Naaptol Malayalam	SD	Malayalam Regional	1823	FTA	0.00
541	542	Surya Movies	SD	Malayalam Regional	1826	Pay	12.98
542	543	Asianet Movies	SD	Malayalam Regional	1828	Pay	17.70
543	544	Surya Comedy	SD	Malayalam Regional	1830	Pay	4.72
544	545	Safari TV	SD	Malayalam Regional	1838	FTA	0.00
545	546	Asianet News	SD	Malayalam Regional	1841	FTA	0.00
546	547	Kairali News	SD	Malayalam Regional	1842	FTA	0.00
547	548	Manorama News	SD	Malayalam Regional	1843	FTA	0.00
548	549	Mathrubhumi News	SD	Malayalam Regional	1844	FTA	0.00
549	550	News18 Kerala	SD	Malayalam Regional	1846	Pay	0.00
550	551	Jai Hind TV	SD	Malayalam Regional	1847	FTA	0.00
551	552	Jeevan TV	SD	Malayalam Regional	1848	FTA	0.00
552	553	Media One TV	SD	Malayalam Regional	1849	FTA	0.00
553	554	Janam TV	SD	Malayalam Regional	1850	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
554	555	Kaumudy	SD	Malayalam Regional	1851	FTA	0.00
555	556	Raj News Malayalam	SD	Malayalam Regional	1853	FTA	0.00
556	557	Twenty four	SD	Malayalam Regional	1854	FTA	0.00
557	558	KITE Victers	SD	Malayalam Regional	1873	FTA	0.00
558	559	DD Malayalam	SD	Malayalam Regional	1874	FTA	0.00
559	560	Surya Music	SD	Malayalam Regional	1875	Pay	4.72
560	561	Raj Musix Malayalam	SD	Malayalam Regional	1877	FTA	0.00
561	562	Kappa TV	SD	Malayalam Regional	1878	FTA	0.00
562	563	Goodness	SD	Malayalam Regional	1885	FTA	0.00
563	564	God TV	SD	Malayalam Regional	1886	FTA	0.00
564	565	SHALOM TV	SD	Malayalam Regional	1887	FTA	0.00
565	566	Harvest TV 24x7	SD	Malayalam Regional	1888	FTA	0.00
566	567	Zee Punjabi	SD	Punjabi Regional	1903	Pay	3.54
567	568	PTC Punjabi	SD	Punjabi Regional	1906	FTA	0.00
568	569	MH One	SD	Punjabi Regional	1907	FTA	0.00
569	570	Pitaara TV	SD	Punjabi Regional	1911	FTA	0.00
570	571	PTC Punjabi Gold	SD	Punjabi Regional	1912	FTA	0.00
571	572	Zee Punjab Haryana Himachal Pradesh	SD	Punjabi Regional	1920	Pay	0.00
572	573	PTC News	SD	Punjabi Regional	1921	FTA	0.00
573	574	News18 Punjab Haryana Himachal	SD	Punjabi Regional	1922	Pay	0.00
574	575	India News Punjab	SD	Punjabi Regional	1923	FTA	0.00
575	576	India News Haryana	SD	Punjabi Regional	1924	FTA	0.00
576	577	Janta TV	SD	Punjabi Regional	1925	FTA	0.00
577	578	MH One News	SD	Punjabi Regional	1926	FTA	0.00
578	579	ANB News	SD	Punjabi Regional	1927	FTA	0.00
579	580	Living India News	SD	Punjabi Regional	1928	FTA	0.00
580	581	DD Punjabi	SD	Punjabi Regional	1935	FTA	0.00
581	582	PTC Chak De	SD	Punjabi Regional	1938	FTA	0.00
582	583	Tashan	SD	Punjabi Regional	1939	FTA	0.00
583	584	Balle Balle	SD	Punjabi Regional	1940	FTA	0.00
584	585	PTC Music	SD	Punjabi Regional	1941	FTA	0.00
585	586	Punjabi hits	SD	Punjabi Regional	1942	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
586	587	Chardikla Time TV	SD	Punjabi Regional	1945	FTA	0.00
587	588	PTC Simran	SD	Punjabi Regional	1946	FTA	0.00
588	589	Nepal 1	SD	Others	1951	FTA	0.00
589	590	Rang	SD	Others	1952	FTA	0.00
590	591	Rengoni TV	SD	Others	1953	FTA	0.00
591	592	Indradhanu	SD	Others	1961	FTA	0.00
592	593	DY 365	SD	Others	1970	FTA	0.00
593	594	News18 Assam North East	SD	Others	1971	Pay	0.00
594	595	News Live	SD	Others	1973	FTA	0.00
595	596	Protidin Time	SD	Others	1974	FTA	0.00
596	597	Prag News	SD	Others	1975	FTA	0.00
597	598	North East Live	SD	Others	1976	FTA	0.00
598	599	NKTV 24x7	SD	Others	1977	FTA	0.00
599	600	Hornbill TV	SD	Others	1978	FTA	0.00
600	601	DD Port Blair	SD	Others	1985	FTA	0.00
601	602	DD Arunprabha	SD	Others	1986	FTA	0.00
602	603	DD Manipur	SD	Others	1987	FTA	0.00
603	604	DD North East	SD	Others	1988	FTA	0.00
604	605	DD Kashir	SD	Others	1989	FTA	0.00
605	606	Ramdhenu	SD	Others	1990	FTA	0.00

In [11]:

```
Hindi_Entertainment=TaSy_CH.groupby(by='Genre').get_group('Hindi Entertainment')
```

```
Hindi_Entertainment
```

Out[11]:

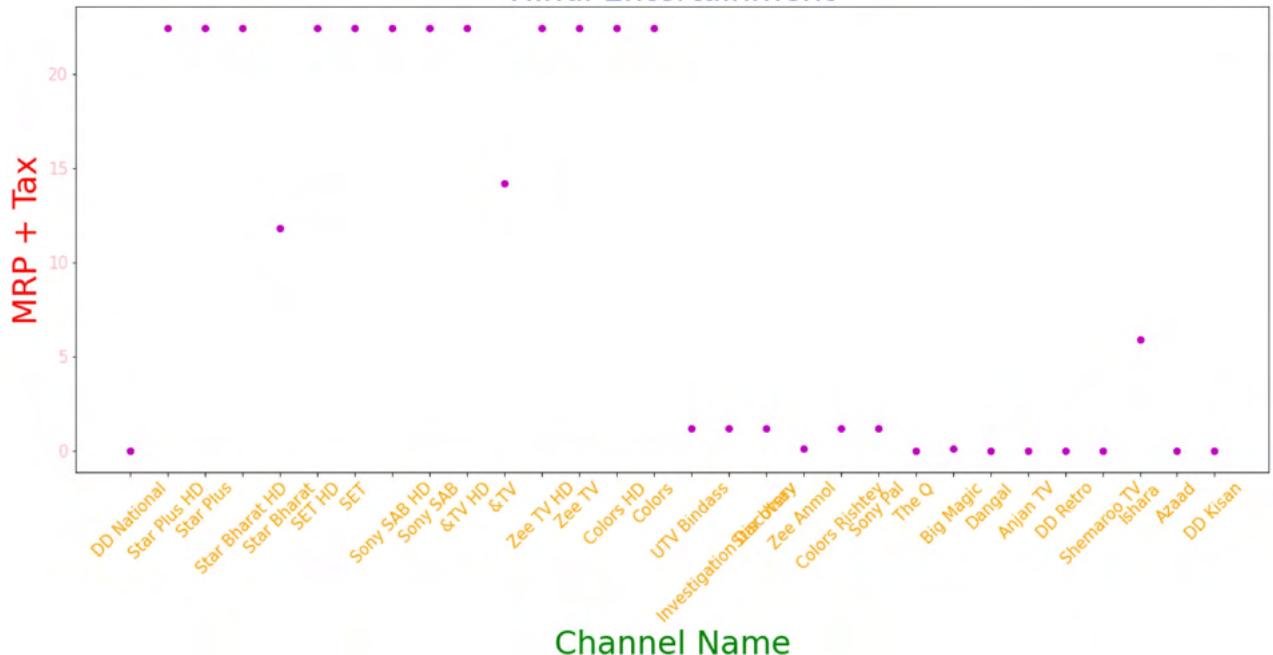
Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
0	1	DD National	SD	Hindi Entertainment	114	FTA	0.00
1	2	Star Plus HD	HD	Hindi Entertainment	115	Pay	22.42
2	3	Star Plus	SD	Hindi Entertainment	117	Pay	22.42
3	4	Star Bharat HD	HD	Hindi Entertainment	121	Pay	22.42
4	5	Star Bharat	SD	Hindi Entertainment	122	Pay	11.80
5	6	SET HD	HD	Hindi Entertainment	128	Pay	22.42
6	7	SET	SD	Hindi Entertainment	130	Pay	22.42
7	8	Sony SAB HD	HD	Hindi Entertainment	132	Pay	22.42

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
8	9	Sony SAB	SD	Hindi Entertainment	134	Pay	22.42
9	10	&TV HD	HD	Hindi Entertainment	137	Pay	22.42
10	11	&TV	SD	Hindi Entertainment	139	Pay	14.16
11	12	Zee TV HD	HD	Hindi Entertainment	141	Pay	22.42
12	13	Zee TV	SD	Hindi Entertainment	143	Pay	22.42
13	14	Colors HD	HD	Hindi Entertainment	147	Pay	22.42
14	15	Colors	SD	Hindi Entertainment	149	Pay	22.42
15	16	UTV Bindass	SD	Hindi Entertainment	153	Pay	1.18
16	17	Investigation Discovery	SD	Hindi Entertainment	155	Pay	1.18
19	20	Star Utsav	SD	Hindi Entertainment	171	Pay	1.18
20	21	Zee Anmol	SD	Hindi Entertainment	172	Pay	0.12
21	22	Colors Rishtey	SD	Hindi Entertainment	173	Pay	1.18
22	23	Sony Pal	SD	Hindi Entertainment	174	Pay	1.18
23	24	The Q	SD	Hindi Entertainment	175	FTA	0.00
24	25	Big Magic	SD	Hindi Entertainment	176	Pay	0.12
25	26	Dangal	SD	Hindi Entertainment	177	FTA	0.00
26	27	Anjan TV	SD	Hindi Entertainment	178	FTA	0.00
27	28	DD Retro	SD	Hindi Entertainment	180	FTA	0.00
28	29	Shemaroo TV	SD	Hindi Entertainment	181	FTA	0.00
29	30	Ishara	SD	Hindi Entertainment	182	Pay	5.90
30	31	Azaad	SD	Hindi Entertainment	183	FTA	0.00
31	32	DD Kisan	SD	Hindi Entertainment	198	FTA	0.00

In [38]:

```
plt.figure(figsize=(20,8))
x=Hindi_Entertainment['Channel Name'] #here FTA means it is paid by the goverment which is free of cost
y=Hindi_Entertainment['MRP']
plt.scatter(x,y,c='m',)
plt.title('Hindi Entertainment',color='blue',fontsize=30)
plt.xlabel('Channel Name',color='g',fontsize=30,)
plt.ylabel('MRP + Tax',color='r',fontsize=30)
plt.xticks(rotation=45,color='orange',fontsize=15)
plt.yticks(color='pink',fontsize=15)
plt.show()
```

Hindi Entertainment



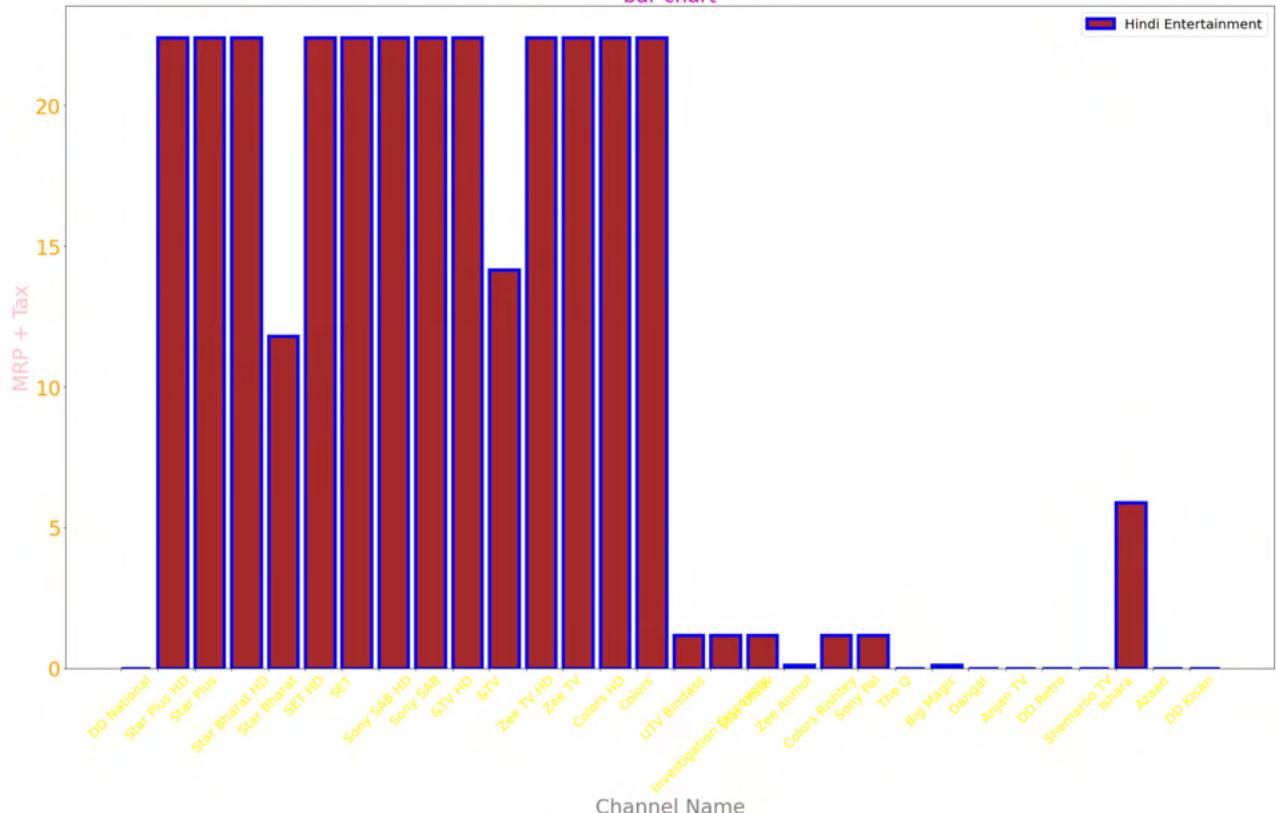
In [13]:

```
plt.figure(figsize=(32,18))
plt.bar(x,y,align='edge',color='brown',edgecolor='blue',linewidth=5,width=.8
        ,label='Hindi Entertainment')

plt.xticks(rotation=45,fontsize=20,color='yellow')
plt.yticks(color='orange',fontsize=30)
plt.title('bar chart',fontsize=30,color='m')
plt.xlabel('Channel Name',fontsize=30,color='grey')
plt.ylabel('MRP + Tax',fontsize=30,color='pink')

plt.legend(fontsize=20)
plt.show()
```

bar chart

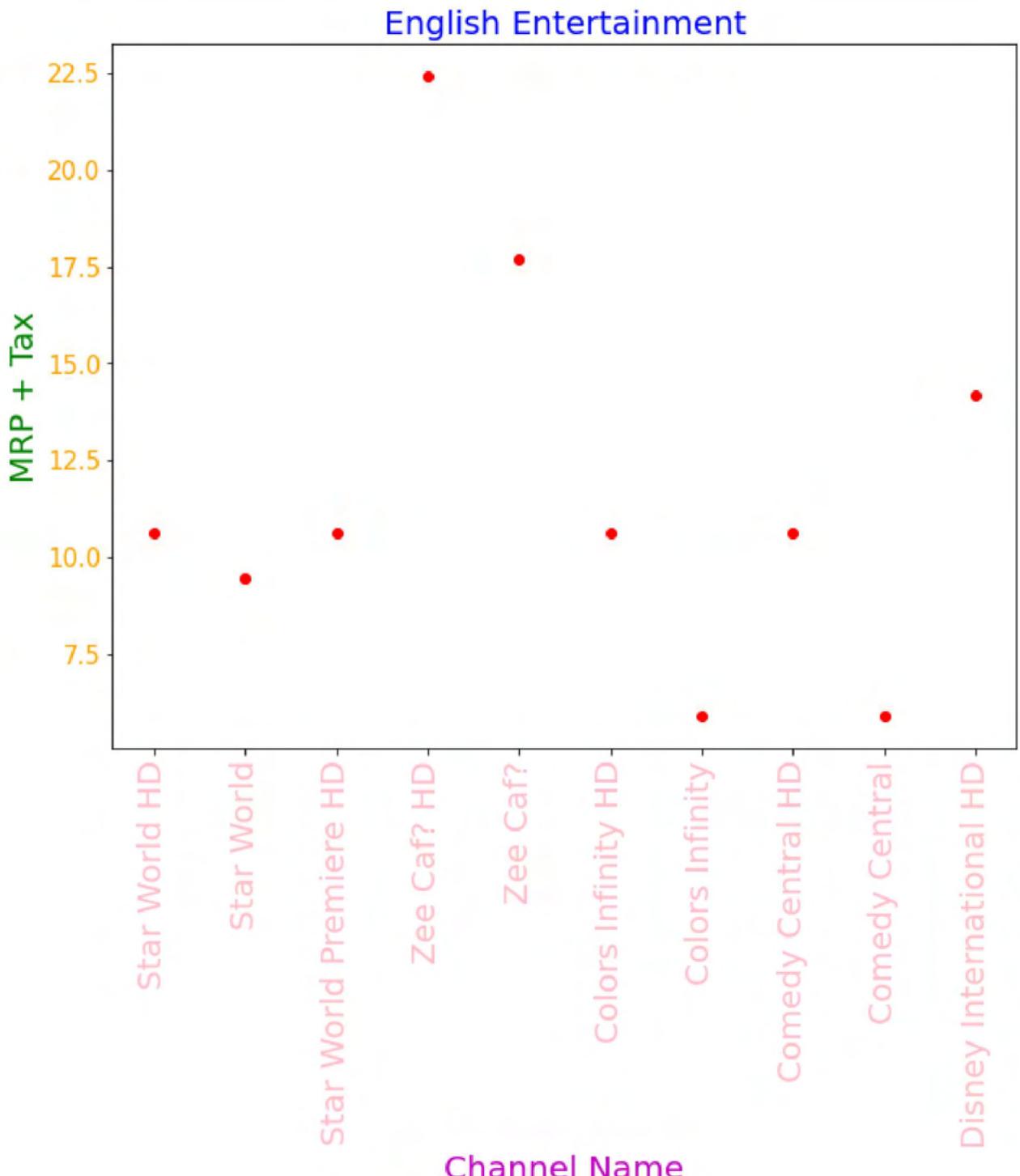


```
In [14]: English_Entertainment=TaSy_CH.groupby(by='Genre').get_group('English Entertainment')
English_Entertainment
```

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
32	33 Star World HD	HD	English Entertainment	202	Pay	10.62
33	34 Star World	SD	English Entertainment	203	Pay	9.44
34	35 Star World Premiere HD	HD	English Entertainment	206	Pay	10.62
35	36 Zee Caf? HD	HD	English Entertainment	210	Pay	22.42
36	37 Zee Caf?	SD	English Entertainment	211	Pay	17.70
37	38 Colors Infinity HD	HD	English Entertainment	214	Pay	10.62
38	39 Colors Infinity	SD	English Entertainment	215	Pay	5.90
39	40 Comedy Central HD	HD	English Entertainment	218	Pay	10.62
40	41 Comedy Central	SD	English Entertainment	219	Pay	5.90
41	42 Disney International HD	HD	English Entertainment	221	Pay	14.16

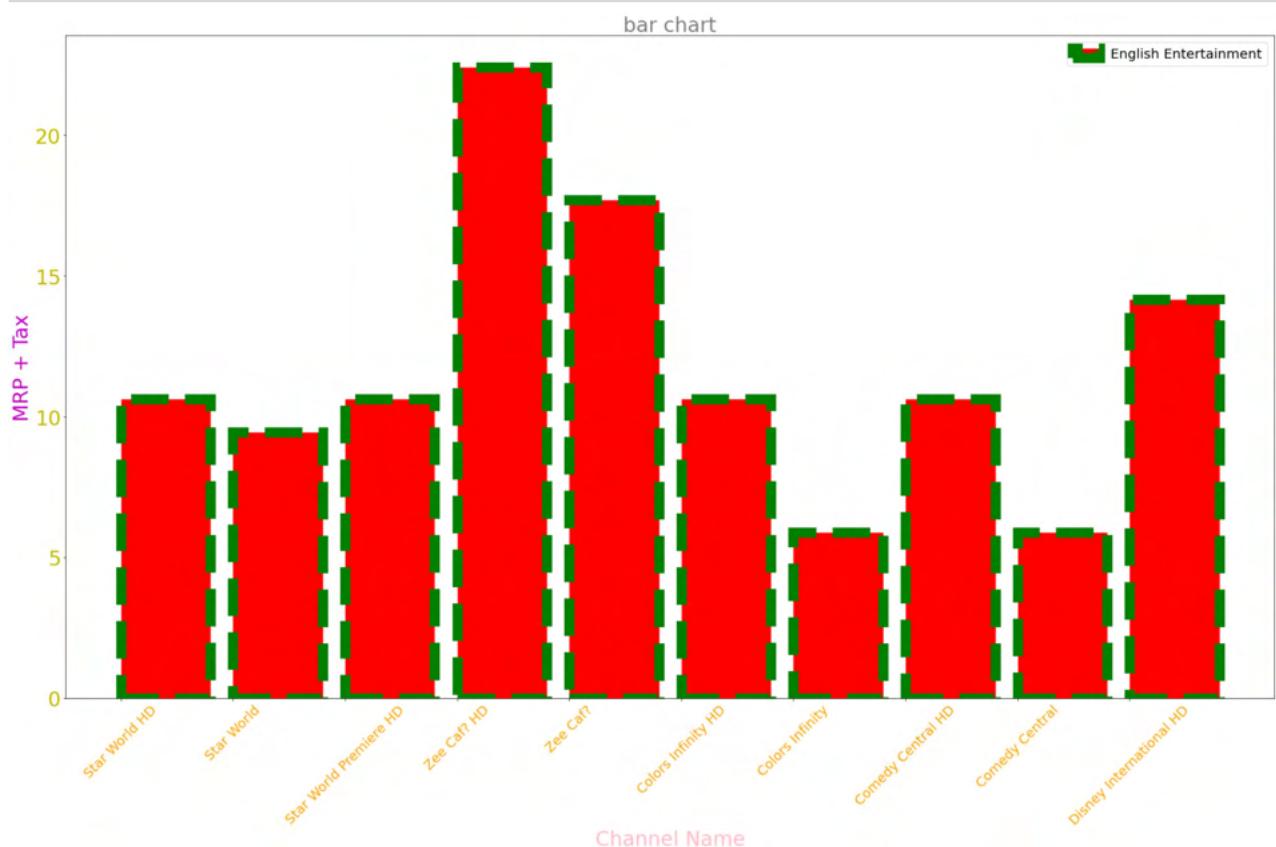
```
In [43]: plt.figure(figsize=(10,8))
x=English_Entertainment['Channel Name'] #here FTA means it is paid by the goverment which is free of cost
y=English_Entertainment['MRP']
```

```
plt.scatter(x,y,c='r',)  
plt.xlabel('Channel Name',color='m',fontsize=20,)  
plt.ylabel('MRP + Tax',color='g',fontsize=20)  
plt.title('English Entertainment',color='b',fontsize=20)  
plt.xticks(rotation='vertical',color='pink',fontsize=20)  
plt.yticks(color='orange',fontsize=15)  
plt.show()
```



```
In [16]: plt.figure(figsize=(32,18))
```

```
plt.bar(x,y,align='edge',color='red',edgecolor='g',linewidth=15,width=.8,lin  
-  
,label='English Entertainment')  
  
plt.xticks(rotation=45,fontsize=20,color='orange')  
plt.yticks(color='y',fontsize=30)  
plt.title('bar chart',fontsize=30,color='grey')  
plt.xlabel('Channel Name',fontsize=30,color='pink')  
plt.ylabel('MRP + Tax',fontsize=30,color='m')  
  
plt.legend(fontsize=20)  
plt.show()
```



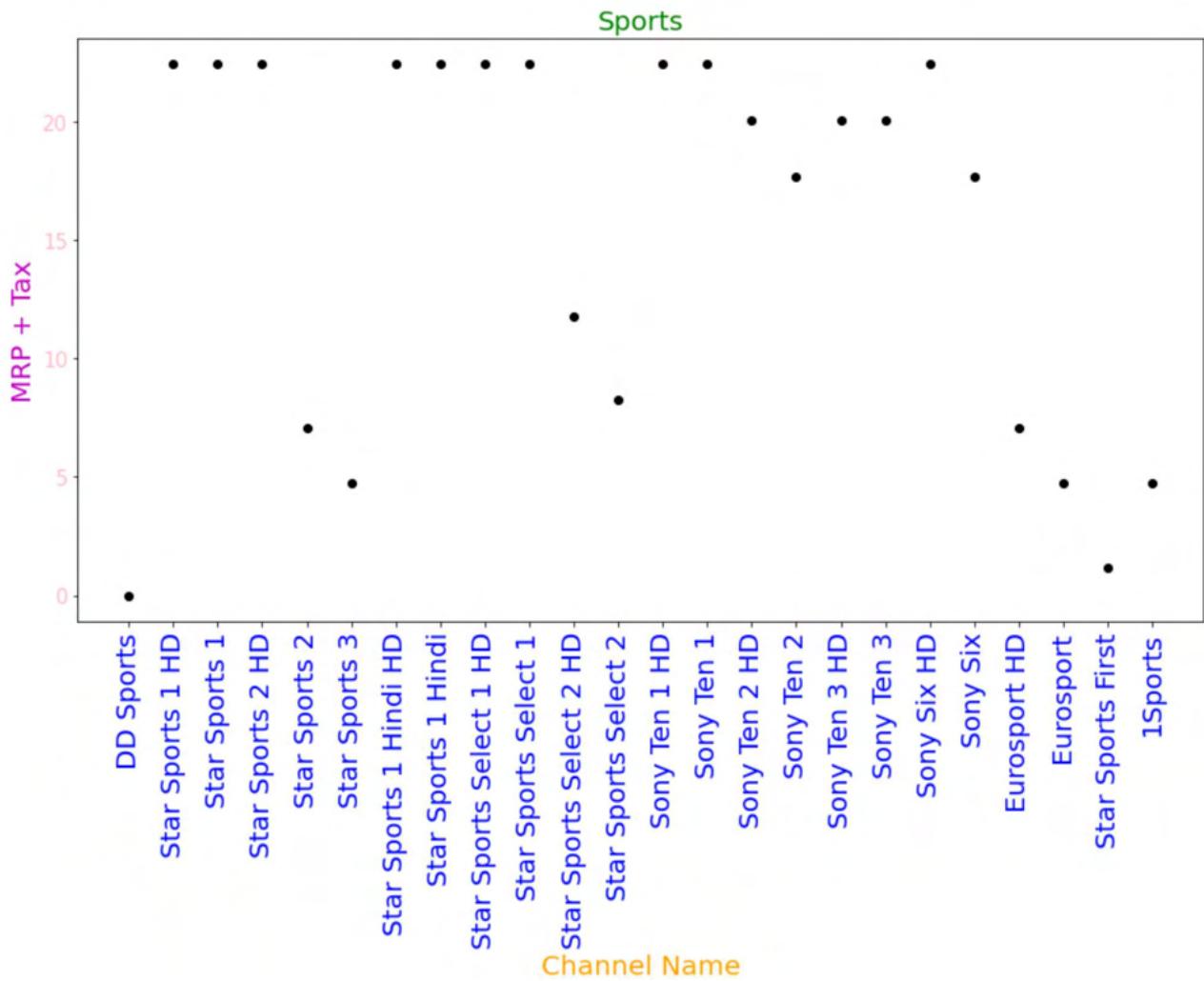
```
In [17]: Sports=TaSy_CH.groupby(by='Genre').get_group('Sports')  
Sports
```

Out[17]:	Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
87	88	DD Sports	SD	Sports	453	FTA	0.00
88	89	Star Sports 1 HD	HD	Sports	454	Pay	22.42
89	90	Star Sports 1	SD	Sports	455	Pay	22.42
90	91	Star Sports 2 HD	HD	Sports	456	Pay	22.42

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
91	92	Star Sports 2	SD	Sports	457	Pay	7.08
92	93	Star Sports 3	SD	Sports	458	Pay	4.72
93	94	Star Sports 1 Hindi HD	HD	Sports	459	Pay	22.42
94	95	Star Sports 1 Hindi	SD	Sports	460	Pay	22.42
95	96	Star Sports Select 1 HD	HD	Sports	463	Pay	22.42
96	97	Star Sports Select 1	SD	Sports	464	Pay	22.42
97	98	Star Sports Select 2 HD	HD	Sports	465	Pay	11.80
98	99	Star Sports Select 2	SD	Sports	466	Pay	8.26
99	100	Sony Ten 1 HD	HD	Sports	470	Pay	22.42
100	101	Sony Ten 1	SD	Sports	471	Pay	22.42
101	102	Sony Ten 2 HD	HD	Sports	473	Pay	20.06
102	103	Sony Ten 2	SD	Sports	474	Pay	17.70
103	104	Sony Ten 3 HD	HD	Sports	475	Pay	20.06
104	105	Sony Ten 3	SD	Sports	476	Pay	20.06
105	106	Sony Six HD	HD	Sports	483	Pay	22.42
106	107	Sony Six	SD	Sports	484	Pay	17.70
107	108	Eurosport HD	HD	Sports	495	Pay	7.08
108	109	Eurosport	SD	Sports	496	Pay	4.72
109	110	Star Sports First	SD	Sports	497	Pay	1.18
110	111	1Sports	SD	Sports	498	Pay	4.72

In [41]:

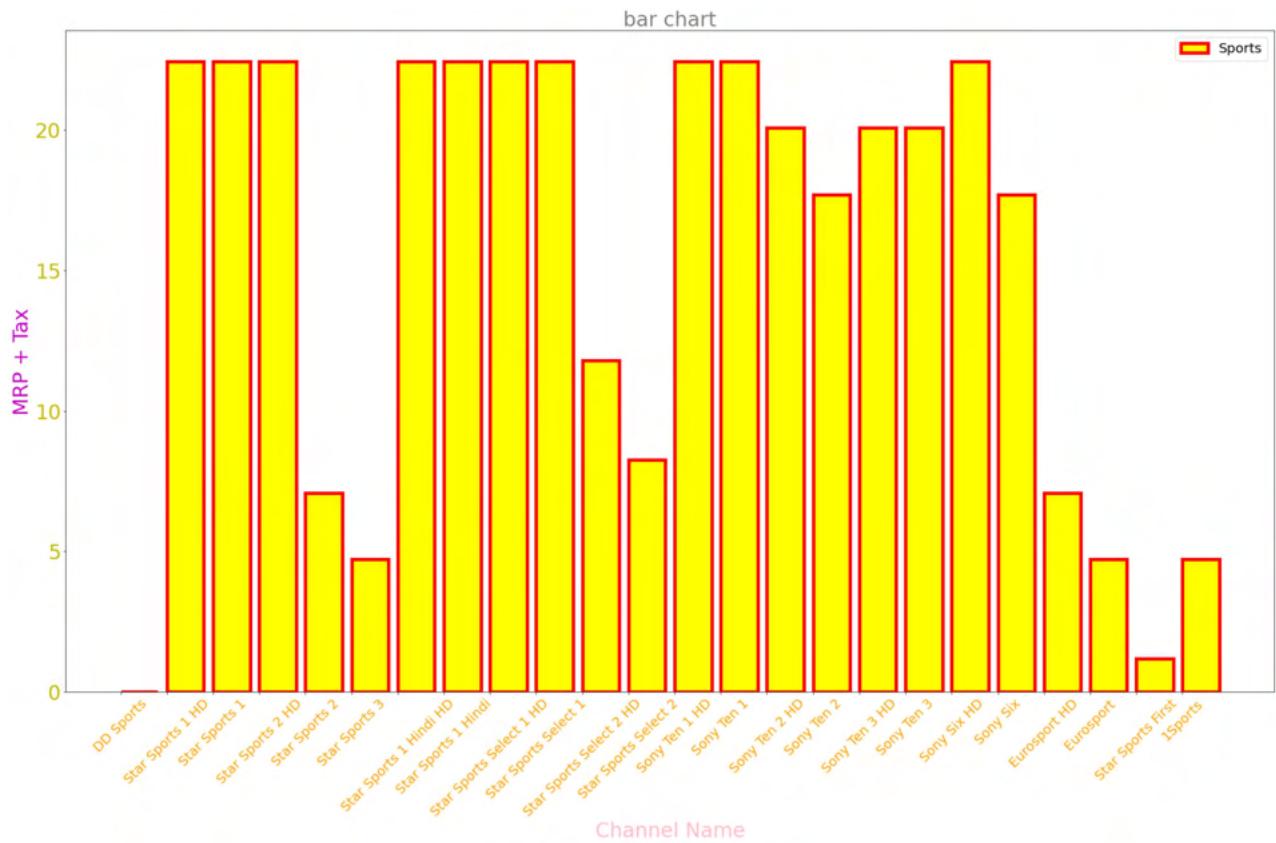
```
plt.figure(figsize=(15,8))
x=Sports['Channel Name'] #here FTA means it is paid by the
goverment which is free of cost
y=Sports['MRP']
plt.scatter(x,y,c='black',)
plt.xlabel('Channel Name',color='orange',fontsize=20,)
plt.ylabel('MRP + Tax',color='m',fontsize=20)
plt.title('Sports',color='g',fontsize=20)
plt.xticks(rotation='vertical',color='b',fontsize=20)
plt.yticks(color='pink',fontsize=15)
plt.show()
```



In [19]:

```
plt.figure(figsize=(32,18))
plt.bar(x,y,align='edge',color='yellow',edgecolor='r',linewidth=5,width=.8,la
        ...
plt.xticks(rotation=45,fontsize=20,color='orange')
plt.yticks(color='y',fontsize=30)
plt.title('bar chart',fontsize=30,color='grey')
plt.xlabel('Channel Name',fontsize=30,color='pink')
plt.ylabel('MRP + Tax',fontsize=30,color='m')

plt.legend(fontsize=20)
plt.show()
```



```
In [20]: Hindi_Movies=TaSy_CH.groupby(by='Genre').get_group('Hindi Movies')
Hindi_Movies
```

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
42	43 Star Gold HD	HD	Hindi Movies	308	Pay	11.80
43	44 Star Gold	SD	Hindi Movies	310	Pay	9.44
44	45 Sony Max HD	HD	Hindi Movies	312	Pay	20.06
45	46 Sony Max	SD	Hindi Movies	314	Pay	17.70
46	47 Star Gold 2	SD	Hindi Movies	317	Pay	1.18
47	48 Zee Cinema HD	HD	Hindi Movies	319	Pay	22.42
48	49 Zee Cinema	SD	Hindi Movies	321	Pay	17.70
49	50 UTV HD	HD	Hindi Movies	322	Pay	9.44
50	51 UTV Movies	SD	Hindi Movies	323	Pay	2.36
51	52 UTV Action	SD	Hindi Movies	325	Pay	2.36
52	53 Zee Bollywood	SD	Hindi Movies	327	Pay	2.36
53	54 Zee Classic	SD	Hindi Movies	328	Pay	0.59
54	55 &pictures HD	HD	Hindi Movies	331	Pay	22.42
55	56 &pictures	SD	Hindi Movies	332	Pay	7.08
56	57 Colors Cineplex HD	HD	Hindi Movies	344	Pay	5.90

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
57	58	Colors Cineplex	SD	Hindi Movies	345	Pay	3.54
58	59	B4U Kadak	SD	Hindi Movies	346	FTA	0.00
59	60	Zee Action	SD	Hindi Movies	349	Pay	1.18
60	61	Sony Wah	SD	Hindi Movies	351	Pay	1.18
61	62	B4U Movies	SD	Hindi Movies	352	FTA	0.00
62	63	Sony Max 2	SD	Hindi Movies	355	Pay	1.18
63	64	Star Gold Select HD	HD	Hindi Movies	356	Pay	11.80
64	65	Star Gold Select	SD	Hindi Movies	357	Pay	8.26
65	66	Cinema TV India	SD	Hindi Movies	358	FTA	0.00
66	67	Wow Cinema One	SD	Hindi Movies	365	FTA	0.00
67	68	Enterr10 Movies	SD	Hindi Movies	366	FTA	0.00
68	69	Bflix Movies	SD	Hindi Movies	367	FTA	0.00
69	70	Star Utsav Movies	SD	Hindi Movies	369	Pay	1.18
70	71	Zee Anmol Cinema	SD	Hindi Movies	371	Pay	0.12
71	72	Dhinchak	SD	Hindi Movies	375	FTA	0.00
72	73	Manoranjan TV	SD	Hindi Movies	376	FTA	0.00

In [21]:

```
English_Movies=TaSy_CH.groupby(by='Genre').get_group('English Movies')
English_Movies
```

Out[21]:

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
73	74	Star Movies HD	HD	English Movies	402	Pay	22.42
74	75	Star Movies	SD	English Movies	403	Pay	14.16
75	76	Sony Pix HD	HD	English Movies	406	Pay	17.70
76	77	Sony Pix	SD	English Movies	407	Pay	11.80
77	78	&flix HD	HD	English Movies	412	Pay	22.42
78	79	&flix	SD	English Movies	413	Pay	17.70
79	80	Star Movies Select HD	HD	English Movies	418	Pay	11.80
80	81	Movies Now HD	HD	English Movies	420	Pay	14.16
81	82	Movies Now	SD	English Movies	421	Pay	11.80
82	83	MN+ HD	HD	English Movies	423	Pay	11.80
83	84	MNX HD	HD	English Movies	425	Pay	10.62
84	85	MNX	SD	English Movies	426	Pay	7.08
85	86	Romedy Now	SD	English Movies	429	Pay	7.08

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
86	87	&prive HD	HD English Movies	431	Pay	22.42

In [22]:

```
Hindi_News=TaSy_CH.groupby(by='Genre').get_group('Hindi News')
Hindi_News
```

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
111	DD News HD	HD Hindi News	501	FTA	0.00	
112	DD News	SD Hindi News	502	FTA	0.00	
113	ABP News	SD Hindi News	504	FTA	0.00	
114	NDTV India	SD Hindi News	506	Pay	1.18	
115	Aaj Tak HD	HD Hindi News	508	Pay	1.77	
116	Aaj Tak	SD Hindi News	509	Pay	0.89	
117	Zee News	SD Hindi News	511	Pay	0.12	
118	India TV	SD Hindi News	514	FTA	0.00	
119	News 24	SD Hindi News	516	FTA	0.00	
120	News18 India	SD Hindi News	519	Pay	0.12	
121	Zee Hindustan	SD Hindi News	520	Pay	0.12	
122	R Bharat	SD Hindi News	521	FTA	0.00	
123	India News	SD Hindi News	522	FTA	0.00	
124	News Nation	SD Hindi News	523	FTA	0.00	
125	TV9 Bharatvarsh	SD Hindi News	524	FTA	0.00	
126	Good News Today	SD Hindi News	525	Pay	0.30	
127	Total TV	SD Hindi News	527	FTA	0.00	
128	Times Now Navbharat HD	HD Hindi News	528	Pay	1.77	
129	Sudarshan News	SD Hindi News	534	FTA	0.00	
130	APN News	SD Hindi News	542	FTA	0.00	
131	India Voice	SD Hindi News	551	FTA	0.00	
132	News 11 Bharat	SD Hindi News	552	FTA	0.00	
133	News 1 India	SD Hindi News	553	FTA	0.00	
134	Hindi Khabar	SD Hindi News	557	FTA	0.00	
135	Bharat Samachar	SD Hindi News	559	FTA	0.00	
136	News India 24x7	SD Hindi News	562	FTA	0.00	
137	Khabrain Abhi Tak	SD Hindi News	563	FTA	0.00	
138	Samay	SD Hindi News	566	FTA	0.00	

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
139	140	Network 10	SD	Hindi News	567	FTA	0.00
140	141	Jantantra TV	SD	Hindi News	568	FTA	0.00
141	142	Prime News	SD	Hindi News	569	FTA	0.00
142	143	Zee Business	SD	Hindi News	590	Pay	0.12
143	144	CNBC Awaaz	SD	Hindi News	592	Pay	1.18
144	145	Lok Sabha TV	SD	Hindi News	598	FTA	0.00
145	146	Rajya Sabha TV	SD	Hindi News	599	FTA	0.00

In [23]:

```
English_News=TaSy_CH.groupby(by='Genre').get_group('English News')
English_News
```

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
146	147	NDTV 24x7	SD	English News	601	Pay	3.54
147	148	Times Now World (HD)	HD	English News	603	Pay	5.90
148	149	Times Now	SD	English News	604	Pay	3.54
149	150	India Today	SD	English News	606	Pay	1.18
150	151	CNN News18	SD	English News	608	Pay	0.59
151	152	NewsX	SD	English News	610	FTA	0.00
152	153	Mirror Now	SD	English News	612	Pay	0.59
153	154	WION	SD	English News	613	Pay	1.18
154	155	Republic TV	SD	English News	616	FTA	0.00
155	156	India Ahead	SD	English News	617	FTA	0.00
156	157	DD India	SD	English News	622	FTA	0.00
157	158	NDTV Profit Prime	SD	English News	623	Pay	1.18
158	159	CNBC TV18 Prime HD	HD	English News	625	Pay	1.18
159	160	CNBC TV18	SD	English News	626	Pay	4.72
160	161	ET Now	SD	English News	627	Pay	3.54
161	162	CNN	SD	English News	631	Pay	0.59
162	163	BBC World	SD	English News	633	Pay	1.18
163	164	Al Jazeera	SD	English News	637	FTA	0.00
164	165	Channel News Asia	SD	English News	638	FTA	0.00
165	166	France 24	SD	English News	639	FTA	0.00
166	167	TV5 Monde Asie	SD	English News	640	FTA	0.00
167	168	DW	SD	English News	641	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
168	169	Australia TV	SD	English News	642	FTA	0.00
169	170	Russia Today	SD	English News	643	FTA	0.00

In [24]:

```
Kids=TaSy_CH.groupby(by='Genre').get_group('Kids')
Kids
```

Out[24]:

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
170	171	Hungama TV	SD	Kids	652	Pay	7.08
171	172	Marvel HQ	SD	Kids	655	Pay	4.72
172	173	Disney	SD	Kids	658	Pay	9.44
173	174	Nick HD+	HD	Kids	662	Pay	11.80
174	175	Nick	SD	Kids	663	Pay	7.08
175	176	Cartoon Network HD+	HD	Kids	666	Pay	5.90
176	177	Cartoon Network	SD	Kids	667	Pay	5.02
177	178	Pogo	SD	Kids	670	Pay	5.02
178	179	Discovery Kids	SD	Kids	672	Pay	3.54
179	180	Sonic Nickelodeon	SD	Kids	674	Pay	2.36
180	181	Sony Yay	SD	Kids	676	Pay	2.36
181	182	Gubbare	SD	Kids	678	Pay	0.77
182	183	ETV Bal Bharat	SD	Kids	680	Pay	4.72
183	184	Baby TV HD	HD	Kids	684	Pay	1.18
184	185	Nick Jr	SD	Kids	685	Pay	1.18
185	186	Disney Junior	SD	Kids	686	Pay	4.72
186	187	CBeeBies	SD	Kids	687	Pay	5.90
187	188	Kushi TV	SD	Kids	692	Pay	4.72
188	189	Chutti TV	SD	Kids	693	Pay	7.08
189	190	Chintu TV	SD	Kids	694	Pay	7.08
190	191	Kochu TV	SD	Kids	695	Pay	5.90

In [25]:

```
Knowledge_Lifestyle=TaSy_CH.groupby(by='Genre').get_group('Knowledge & Lifestyle')
Knowledge_Lifestyle
```

Out[25]:

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
191	192	National Geographic HD	HD	Knowledge & Lifestyle	708	Pay	11.80

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
192	193	National Geographic	SD	Knowledge & Lifestyle	709	Pay	2.36
193	194	Nat Geo Wild HD	HD	Knowledge & Lifestyle	711	Pay	5.90
194	195	Nat Geo Wild	SD	Knowledge & Lifestyle	712	Pay	1.18
195	196	Discovery HD World	HD	Knowledge & Lifestyle	713	Pay	7.08
196	197	Discovery Channel	SD	Knowledge & Lifestyle	714	Pay	4.72
197	198	Animal Planet HD World	HD	Knowledge & Lifestyle	716	Pay	3.54
198	199	Animal Planet	SD	Knowledge & Lifestyle	717	Pay	2.36
199	200	Discovery Science	SD	Knowledge & Lifestyle	719	Pay	1.18
200	201	History TV18 HD	HD	Knowledge & Lifestyle	720	Pay	8.26
201	202	History TV18	SD	Knowledge & Lifestyle	721	Pay	3.54
202	203	Sony BBC Earth HD	HD	Knowledge & Lifestyle	724	Pay	11.80
203	204	Sony BBC Earth	SD	Knowledge & Lifestyle	725	Pay	4.72
204	205	Epic	SD	Knowledge & Lifestyle	735	Pay	2.36
205	206	Fox Life HD	HD	Knowledge & Lifestyle	753	Pay	1.18
206	207	Fox Life	SD	Knowledge & Lifestyle	754	Pay	1.18
207	208	DD Gyan Darshan	SD	Knowledge & Lifestyle	755	FTA	0.00
208	209	Swayam Prabha	SD	Knowledge & Lifestyle	756	FTA	0.00
209	210	TLC HD	HD	Knowledge & Lifestyle	759	Pay	3.54
210	211	TLC	SD	Knowledge & Lifestyle	760	Pay	2.36
211	212	Good Times	SD	Knowledge & Lifestyle	762	Pay	1.77
212	213	Discovery Turbo	SD	Knowledge & Lifestyle	764	Pay	1.18
213	214	TravelXP HD	HD	Knowledge & Lifestyle	765	Pay	10.62
214	215	TravelXP	SD	Knowledge & Lifestyle	766	Pay	3.54
215	216	Food Food	SD	Knowledge & Lifestyle	768	FTA	0.00
216	217	Zee Zest HD	HD	Knowledge & Lifestyle	769	Pay	11.80
217	218	Zee Zest	SD	Knowledge & Lifestyle	770	Pay	1.18
218	219	Fashion TV	SD	Knowledge & Lifestyle	772	FTA	0.00

In [26]:

```
Music=TaSy_CH.groupby(by='Genre').get_group('Music')
Music
```

Out[26]:

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
219	220	MTV HD+	HD	Music	806	Pay	5.90
220	221	MTV	SD	Music	807	Pay	3.54

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
221	222	9XM	SD	Music	809	FTA
222	223	Zoom	SD	Music	811	Pay
223	224	E24	SD	Music	813	FTA
224	225	MTV Beats HD	HD	Music	820	Pay
225	226	MTV Beats	SD	Music	821	Pay
226	227	B4U Music	SD	Music	822	FTA
227	228	Mastiii	SD	Music	825	FTA
228	229	Zing	SD	Music	826	Pay
229	230	9X Jalwa	SD	Music	830	FTA
230	231	insync	SD	Music	833	FTA
231	232	Showbox	SD	Music	835	FTA
232	233	Vh1 HD	HD	Music	855	Pay
233	234	Vh1	SD	Music	856	Pay

In [27]:

```
Spiritual=TaSy_CH.groupby(by='Genre').get_group('Spiritual')
Spiritual
```

Out[27]:

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
234	235	Aastha	SD	Spiritual	1055	FTA
235	236	Sanskars	SD	Spiritual	1057	FTA
236	237	Disha TV	SD	Spiritual	1058	FTA
237	238	Paras TV	SD	Spiritual	1059	FTA
238	239	MH One Shraddha	SD	Spiritual	1061	FTA
239	240	Sadhna TV	SD	Spiritual	1063	FTA
240	241	Sharnam TV	SD	Spiritual	1064	FTA
241	242	Peace of Mind	SD	Spiritual	1065	FTA
242	243	Jinvani Channel	SD	Spiritual	1066	FTA
243	244	Arihant	SD	Spiritual	1067	FTA
244	245	Ishwar TV	SD	Spiritual	1068	FTA
245	246	Satsang TV	SD	Spiritual	1073	FTA
246	247	Shubh TV	SD	Spiritual	1074	FTA
247	248	Aastha Bhajan	SD	Spiritual	1077	FTA
248	249	Vedic	SD	Spiritual	1078	FTA
249	250	Subharti TV	SD	Spiritual	1082	FTA

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
250	251	Divya	SD	Spiritual	1083	FTA
251	252	Awakening	SD	Spiritual	1084	FTA
252	253	Santwani	SD	Spiritual	1085	FTA

In [28]:

```
Others=TaSy_CH.groupby(by='Genre').get_group('Others')
Others
```

Out[28]:

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
18	Ezmall	SD	Others	158	FTA	0.0
588	Nepal 1	SD	Others	1951	FTA	0.0
589	Rang	SD	Others	1952	FTA	0.0
590	Rengoni TV	SD	Others	1953	FTA	0.0
591	Indradhanu	SD	Others	1961	FTA	0.0
592	DY 365	SD	Others	1970	FTA	0.0
593	News18 Assam North East	SD	Others	1971	Pay	0.0
594	News Live	SD	Others	1973	FTA	0.0
595	Protidin Time	SD	Others	1974	FTA	0.0
596	Prag News	SD	Others	1975	FTA	0.0
597	North East Live	SD	Others	1976	FTA	0.0
598	NKTV 24x7	SD	Others	1977	FTA	0.0
599	Hornbill TV	SD	Others	1978	FTA	0.0
600	DD Port Blair	SD	Others	1985	FTA	0.0
601	DD Arunprabha	SD	Others	1986	FTA	0.0
602	DD Manipur	SD	Others	1987	FTA	0.0
603	DD North East	SD	Others	1988	FTA	0.0
604	DD Kashir	SD	Others	1989	FTA	0.0
605	Ramdhenu	SD	Others	1990	FTA	0.0

In []:

Calculating the no of channels through len method

In [34]:

```
tata_channels=np.arange(len(Hindi_Entertainment)) #HE
tata_channels #total 30 channels in this item
```

```
Out[34]: array([ 0,  1,  2,  3,  4,  5,  6,  7,  8,  9, 10, 11, 12, 13, 14, 15, 16,
 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29])
```

```
In [30]: tata_channels=np.arange(len(English_Entertainment)) #EE
tata_channels #10 channels in this item
```

```
Out[30]: array([0, 1, 2, 3, 4, 5, 6, 7, 8, 9])
```

```
In [31]: tata_channels=np.arange(len(Sports)) #Sp
tata_channels #24 channels in this item
```

```
Out[31]: array([ 0,  1,  2,  3,  4,  5,  6,  7,  8,  9, 10, 11, 12, 13, 14, 15, 16,
 17, 18, 19, 20, 21, 22, 23])
```

```
In [32]: tata_channels=np.arange(len(Hindi_Movies)) #HM
tata_channels #31 channels in this item
```

```
Out[32]: array([ 0,  1,  2,  3,  4,  5,  6,  7,  8,  9, 10, 11, 12, 13, 14, 15, 16,
 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30])
```

```
In [34]: tata_channels=np.arange(len(English_Movies)) #EM
tata_channels #14 channels in this item
```

```
Out[34]: array([ 0,  1,  2,  3,  4,  5,  6,  7,  8,  9, 10, 11, 12, 13])
```

```
In [35]: tata_channels=np.arange(len(Kids)) #K
tata_channels #21 channels in this item
```

```
Out[35]: array([ 0,  1,  2,  3,  4,  5,  6,  7,  8,  9, 10, 11, 12, 13, 14, 15, 16,
 17, 18, 19, 20])
```

```
In [36]: tata_channels=np.arange(len(Knowledge_Lifestyle)) #KL
tata_channels #28 channels in this item
```

```
Out[36]: array([ 0,  1,  2,  3,  4,  5,  6,  7,  8,  9, 10, 11, 12, 13, 14, 15, 16,
 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27])
```

```
In [37]: tata_channels=np.arange(len(Music)) #M
tata_channels #15 channels in this item
```

```
Out[37]: array([ 0,  1,  2,  3,  4,  5,  6,  7,  8,  9, 10, 11, 12, 13, 14])
```

```
In [38]: tata_channels=np.arange(len(Spiritual)) #Spi
tata_channels #19 channels in this item
```

```
Out[38]: array([ 0,  1,  2,  3,  4,  5,  6,  7,  8,  9, 10, 11, 12, 13, 14, 15, 16,
 17, 18])
```

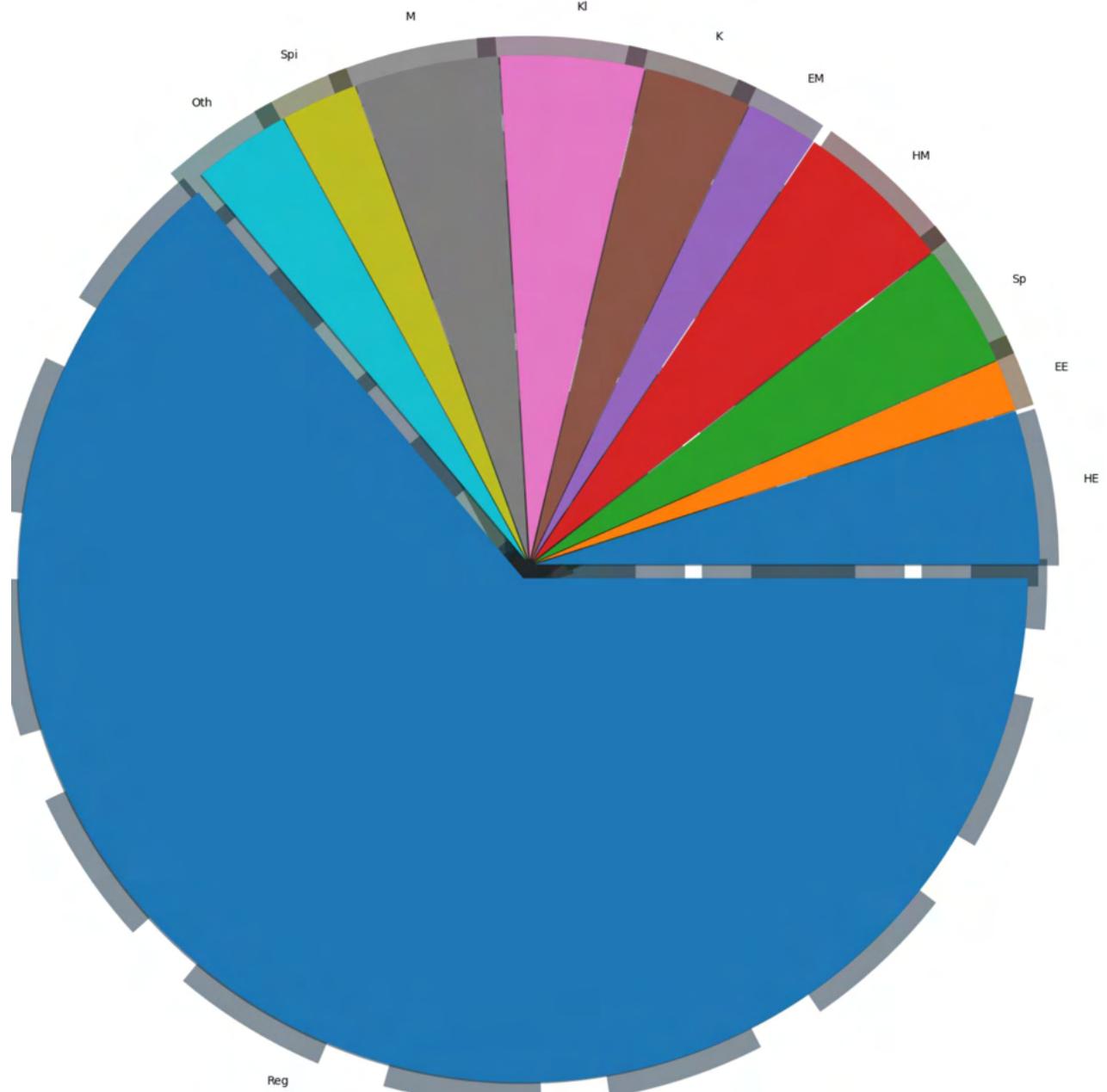
```
In [39]:
```

```
tata_channels=np.arange(len(Others)) #0th  
tata_channels #19 channels in this item
```

```
Out[39]: array([ 0,  1,  2,  3,  4,  5,  6,  7,  8,  9, 10, 11, 12, 13, 14, 15, 16,  
    17, 18])
```

```
In [40]: import matplotlib.pyplot as plt
```

```
In [44]: Menu=[ 'HE' , 'EE' , 'Sp' , 'HM' , 'EM' , 'K' , 'Kl' , 'M' , 'Spi' , 'Oth' , 'Reg' ]  
no_of_channnel_menu=[30,10,24,31,14,21,28,28,15,19,389]  
explode=[0.08,0.08,0.08,0.08,0.08,0.08,0.08,0.08,0.08,0.08,0.20]  
textprops={'fontsize':14,}  
plt.pie(no_of_channnel_menu,labels=Menu,explode=explode,shadow=True,textprops  
  
        radius=7,wedgeprops = {'linewidth': 50,'linestyle':'--'})  
plt.show()
```



In [42]: TaSy_CH

Sr. No.	Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
0	DD National	SD	Hindi Entertainment	114	FTA	0.00
1	Star Plus HD	HD	Hindi Entertainment	115	Pay	22.42
2	Star Plus	SD	Hindi Entertainment	117	Pay	22.42
3	Star Bharat HD	HD	Hindi Entertainment	121	Pay	22.42
4	Star Bharat	SD	Hindi Entertainment	122	Pay	11.80
5	SET HD	HD	Hindi Entertainment	128	Pay	22.42
6	SET	SD	Hindi Entertainment	130	Pay	22.42
7	Sony SAB HD	HD	Hindi Entertainment	132	Pay	22.42

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
8	9	Sony SAB	SD	Hindi Entertainment	134	Pay	22.42
9	10	&TV HD	HD	Hindi Entertainment	137	Pay	22.42
10	11	&TV	SD	Hindi Entertainment	139	Pay	14.16
11	12	Zee TV HD	HD	Hindi Entertainment	141	Pay	22.42
12	13	Zee TV	SD	Hindi Entertainment	143	Pay	22.42
13	14	Colors HD	HD	Hindi Entertainment	147	Pay	22.42
14	15	Colors	SD	Hindi Entertainment	149	Pay	22.42
15	16	UTV Bindass	SD	Hindi Entertainment	153	Pay	1.18
16	17	Investigation Discovery	SD	Hindi Entertainment	155	Pay	1.18
17	18	Naaptol	SD	Shopping	156	FTA	0.00
18	19	Ezmall	SD	Others	158	FTA	0.00
19	20	Star Utsav	SD	Hindi Entertainment	171	Pay	1.18
20	21	Zee Anmol	SD	Hindi Entertainment	172	Pay	0.12
21	22	Colors Rishtey	SD	Hindi Entertainment	173	Pay	1.18
22	23	Sony Pal	SD	Hindi Entertainment	174	Pay	1.18
23	24	The Q	SD	Hindi Entertainment	175	FTA	0.00
24	25	Big Magic	SD	Hindi Entertainment	176	Pay	0.12
25	26	Dangal	SD	Hindi Entertainment	177	FTA	0.00
26	27	Anjan TV	SD	Hindi Entertainment	178	FTA	0.00
27	28	DD Retro	SD	Hindi Entertainment	180	FTA	0.00
28	29	Shemaroo TV	SD	Hindi Entertainment	181	FTA	0.00
29	30	Ishara	SD	Hindi Entertainment	182	Pay	5.90
30	31	Azaad	SD	Hindi Entertainment	183	FTA	0.00
31	32	DD Kisan	SD	Hindi Entertainment	198	FTA	0.00
32	33	Star World HD	HD	English Entertainment	202	Pay	10.62
33	34	Star World	SD	English Entertainment	203	Pay	9.44
34	35	Star World Premiere HD	HD	English Entertainment	206	Pay	10.62
35	36	Zee Caf? HD	HD	English Entertainment	210	Pay	22.42
36	37	Zee Caf?	SD	English Entertainment	211	Pay	17.70

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
37	38	Colors Infinity HD	HD	English Entertainment	214	Pay	10.62
38	39	Colors Infinity	SD	English Entertainment	215	Pay	5.90
39	40	Comedy Central HD	HD	English Entertainment	218	Pay	10.62
40	41	Comedy Central	SD	English Entertainment	219	Pay	5.90
41	42	Disney International HD	HD	English Entertainment	221	Pay	14.16
42	43	Star Gold HD	HD	Hindi Movies	308	Pay	11.80
43	44	Star Gold	SD	Hindi Movies	310	Pay	9.44
44	45	Sony Max HD	HD	Hindi Movies	312	Pay	20.06
45	46	Sony Max	SD	Hindi Movies	314	Pay	17.70
46	47	Star Gold 2	SD	Hindi Movies	317	Pay	1.18
47	48	Zee Cinema HD	HD	Hindi Movies	319	Pay	22.42
48	49	Zee Cinema	SD	Hindi Movies	321	Pay	17.70
49	50	UTV HD	HD	Hindi Movies	322	Pay	9.44
50	51	UTV Movies	SD	Hindi Movies	323	Pay	2.36
51	52	UTV Action	SD	Hindi Movies	325	Pay	2.36
52	53	Zee Bollywood	SD	Hindi Movies	327	Pay	2.36
53	54	Zee Classic	SD	Hindi Movies	328	Pay	0.59
54	55	&pictures HD	HD	Hindi Movies	331	Pay	22.42
55	56	&pictures	SD	Hindi Movies	332	Pay	7.08
56	57	Colors Cineplex HD	HD	Hindi Movies	344	Pay	5.90
57	58	Colors Cineplex	SD	Hindi Movies	345	Pay	3.54
58	59	B4U Kadak	SD	Hindi Movies	346	FTA	0.00
59	60	Zee Action	SD	Hindi Movies	349	Pay	1.18
60	61	Sony Wah	SD	Hindi Movies	351	Pay	1.18
61	62	B4U Movies	SD	Hindi Movies	352	FTA	0.00
62	63	Sony Max 2	SD	Hindi Movies	355	Pay	1.18
63	64	Star Gold Select HD	HD	Hindi Movies	356	Pay	11.80
64	65	Star Gold Select	SD	Hindi Movies	357	Pay	8.26
65	66	Cinema TV India	SD	Hindi Movies	358	FTA	0.00
66	67	Wow Cinema One	SD	Hindi Movies	365	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
67	68	Enterr10 Movies	SD	Hindi Movies	366	FTA	0.00
68	69	Bflix Movies	SD	Hindi Movies	367	FTA	0.00
69	70	Star Utsav Movies	SD	Hindi Movies	369	Pay	1.18
70	71	Zee Anmol Cinema	SD	Hindi Movies	371	Pay	0.12
71	72	Dhinchaak	SD	Hindi Movies	375	FTA	0.00
72	73	Manoranjan TV	SD	Hindi Movies	376	FTA	0.00
73	74	Star Movies HD	HD	English Movies	402	Pay	22.42
74	75	Star Movies	SD	English Movies	403	Pay	14.16
75	76	Sony Pix HD	HD	English Movies	406	Pay	17.70
76	77	Sony Pix	SD	English Movies	407	Pay	11.80
77	78	&flix HD	HD	English Movies	412	Pay	22.42
78	79	&flix	SD	English Movies	413	Pay	17.70
79	80	Star Movies Select HD	HD	English Movies	418	Pay	11.80
80	81	Movies Now HD	HD	English Movies	420	Pay	14.16
81	82	Movies Now	SD	English Movies	421	Pay	11.80
82	83	MN+ HD	HD	English Movies	423	Pay	11.80
83	84	MNX HD	HD	English Movies	425	Pay	10.62
84	85	MNX	SD	English Movies	426	Pay	7.08
85	86	Romedy Now	SD	English Movies	429	Pay	7.08
86	87	&prive HD	HD	English Movies	431	Pay	22.42
87	88	DD Sports	SD	Sports	453	FTA	0.00
88	89	Star Sports 1 HD	HD	Sports	454	Pay	22.42
89	90	Star Sports 1	SD	Sports	455	Pay	22.42
90	91	Star Sports 2 HD	HD	Sports	456	Pay	22.42
91	92	Star Sports 2	SD	Sports	457	Pay	7.08
92	93	Star Sports 3	SD	Sports	458	Pay	4.72
93	94	Star Sports 1 Hindi HD	HD	Sports	459	Pay	22.42
94	95	Star Sports 1 Hindi	SD	Sports	460	Pay	22.42
95	96	Star Sports Select 1 HD	HD	Sports	463	Pay	22.42
96	97	Star Sports Select 1	SD	Sports	464	Pay	22.42
97	98	Star Sports Select 2 HD	HD	Sports	465	Pay	11.80
98	99	Star Sports Select 2	SD	Sports	466	Pay	8.26
99	100	Sony Ten 1 HD	HD	Sports	470	Pay	22.42

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
100	101	Sony Ten 1	SD	Sports	471	Pay	22.42
101	102	Sony Ten 2 HD	HD	Sports	473	Pay	20.06
102	103	Sony Ten 2	SD	Sports	474	Pay	17.70
103	104	Sony Ten 3 HD	HD	Sports	475	Pay	20.06
104	105	Sony Ten 3	SD	Sports	476	Pay	20.06
105	106	Sony Six HD	HD	Sports	483	Pay	22.42
106	107	Sony Six	SD	Sports	484	Pay	17.70
107	108	Eurosport HD	HD	Sports	495	Pay	7.08
108	109	Eurosport	SD	Sports	496	Pay	4.72
109	110	Star Sports First	SD	Sports	497	Pay	1.18
110	111	1Sports	SD	Sports	498	Pay	4.72
111	112	DD News HD	HD	Hindi News	501	FTA	0.00
112	113	DD News	SD	Hindi News	502	FTA	0.00
113	114	ABP News	SD	Hindi News	504	FTA	0.00
114	115	NDTV India	SD	Hindi News	506	Pay	1.18
115	116	Aaj Tak HD	HD	Hindi News	508	Pay	1.77
116	117	Aaj Tak	SD	Hindi News	509	Pay	0.89
117	118	Zee News	SD	Hindi News	511	Pay	0.12
118	119	India TV	SD	Hindi News	514	FTA	0.00
119	120	News 24	SD	Hindi News	516	FTA	0.00
120	121	News18 India	SD	Hindi News	519	Pay	0.12
121	122	Zee Hindustan	SD	Hindi News	520	Pay	0.12
122	123	R Bharat	SD	Hindi News	521	FTA	0.00
123	124	India News	SD	Hindi News	522	FTA	0.00
124	125	News Nation	SD	Hindi News	523	FTA	0.00
125	126	TV9 Bharatvarsh	SD	Hindi News	524	FTA	0.00
126	127	Good News Today	SD	Hindi News	525	Pay	0.30
127	128	Total TV	SD	Hindi News	527	FTA	0.00
128	129	Times Now Navbharat HD	HD	Hindi News	528	Pay	1.77
129	130	Sudarshan News	SD	Hindi News	534	FTA	0.00
130	131	APN News	SD	Hindi News	542	FTA	0.00
131	132	India Voice	SD	Hindi News	551	FTA	0.00
132	133	News 11 Bharat	SD	Hindi News	552	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
133	134	News 1 India	SD	Hindi News	553	FTA	0.00
134	135	Hindi Khabar	SD	Hindi News	557	FTA	0.00
135	136	Bharat Samachar	SD	Hindi News	559	FTA	0.00
136	137	News India 24x7	SD	Hindi News	562	FTA	0.00
137	138	Khabrain Abhi Tak	SD	Hindi News	563	FTA	0.00
138	139	Samay	SD	Hindi News	566	FTA	0.00
139	140	Network 10	SD	Hindi News	567	FTA	0.00
140	141	Jantantra TV	SD	Hindi News	568	FTA	0.00
141	142	Prime News	SD	Hindi News	569	FTA	0.00
142	143	Zee Business	SD	Hindi News	590	Pay	0.12
143	144	CNBC Awaaz	SD	Hindi News	592	Pay	1.18
144	145	Lok Sabha TV	SD	Hindi News	598	FTA	0.00
145	146	Rajya Sabha TV	SD	Hindi News	599	FTA	0.00
146	147	NDTV 24x7	SD	English News	601	Pay	3.54
147	148	Times Now World (HD)	HD	English News	603	Pay	5.90
148	149	Times Now	SD	English News	604	Pay	3.54
149	150	India Today	SD	English News	606	Pay	1.18
150	151	CNN News18	SD	English News	608	Pay	0.59
151	152	NewsX	SD	English News	610	FTA	0.00
152	153	Mirror Now	SD	English News	612	Pay	0.59
153	154	WION	SD	English News	613	Pay	1.18
154	155	Republic TV	SD	English News	616	FTA	0.00
155	156	India Ahead	SD	English News	617	FTA	0.00
156	157	DD India	SD	English News	622	FTA	0.00
157	158	NDTV Profit Prime	SD	English News	623	Pay	1.18
158	159	CNBC TV18 Prime HD	HD	English News	625	Pay	1.18
159	160	CNBC TV18	SD	English News	626	Pay	4.72
160	161	ET Now	SD	English News	627	Pay	3.54
161	162	CNN	SD	English News	631	Pay	0.59
162	163	BBC World	SD	English News	633	Pay	1.18
163	164	Al Jazeera	SD	English News	637	FTA	0.00
164	165	Channel News Asia	SD	English News	638	FTA	0.00
165	166	France 24	SD	English News	639	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
166	167	TV5 Monde Asie	SD	English News	640	FTA	0.00
167	168	DW	SD	English News	641	FTA	0.00
168	169	Australia TV	SD	English News	642	FTA	0.00
169	170	Russia Today	SD	English News	643	FTA	0.00
170	171	Hungama TV	SD	Kids	652	Pay	7.08
171	172	Marvel HQ	SD	Kids	655	Pay	4.72
172	173	Disney	SD	Kids	658	Pay	9.44
173	174	Nick HD+	HD	Kids	662	Pay	11.80
174	175	Nick	SD	Kids	663	Pay	7.08
175	176	Cartoon Network HD+	HD	Kids	666	Pay	5.90
176	177	Cartoon Network	SD	Kids	667	Pay	5.02
177	178	Pogo	SD	Kids	670	Pay	5.02
178	179	Discovery Kids	SD	Kids	672	Pay	3.54
179	180	Sonic Nickelodeon	SD	Kids	674	Pay	2.36
180	181	Sony Yay	SD	Kids	676	Pay	2.36
181	182	Gubbare	SD	Kids	678	Pay	0.77
182	183	ETV Bal Bharat	SD	Kids	680	Pay	4.72
183	184	Baby TV HD	HD	Kids	684	Pay	1.18
184	185	Nick Jr	SD	Kids	685	Pay	1.18
185	186	Disney Junior	SD	Kids	686	Pay	4.72
186	187	CBeebies	SD	Kids	687	Pay	5.90
187	188	Kushi TV	SD	Kids	692	Pay	4.72
188	189	Chutti TV	SD	Kids	693	Pay	7.08
189	190	Chintu TV	SD	Kids	694	Pay	7.08
190	191	Kochu TV	SD	Kids	695	Pay	5.90
191	192	National Geographic HD	HD	Knowledge & Lifestyle	708	Pay	11.80
192	193	National Geographic	SD	Knowledge & Lifestyle	709	Pay	2.36
193	194	Nat Geo Wild HD	HD	Knowledge & Lifestyle	711	Pay	5.90
194	195	Nat Geo Wild	SD	Knowledge & Lifestyle	712	Pay	1.18
195	196	Discovery HD World	HD	Knowledge & Lifestyle	713	Pay	7.08

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
196	197	Discovery Channel	SD	Knowledge & Lifestyle	714	Pay	4.72
197	198	Animal Planet HD World	HD	Knowledge & Lifestyle	716	Pay	3.54
198	199	Animal Planet	SD	Knowledge & Lifestyle	717	Pay	2.36
199	200	Discovery Science	SD	Knowledge & Lifestyle	719	Pay	1.18
200	201	History TV18 HD	HD	Knowledge & Lifestyle	720	Pay	8.26
201	202	History TV18	SD	Knowledge & Lifestyle	721	Pay	3.54
202	203	Sony BBC Earth HD	HD	Knowledge & Lifestyle	724	Pay	11.80
203	204	Sony BBC Earth	SD	Knowledge & Lifestyle	725	Pay	4.72
204	205	Epic	SD	Knowledge & Lifestyle	735	Pay	2.36
205	206	Fox Life HD	HD	Knowledge & Lifestyle	753	Pay	1.18
206	207	Fox Life	SD	Knowledge & Lifestyle	754	Pay	1.18
207	208	DD Gyan Darshan	SD	Knowledge & Lifestyle	755	FTA	0.00
208	209	Swayam Prabha	SD	Knowledge & Lifestyle	756	FTA	0.00
209	210	TLC HD	HD	Knowledge & Lifestyle	759	Pay	3.54
210	211	TLC	SD	Knowledge & Lifestyle	760	Pay	2.36
211	212	Good Times	SD	Knowledge & Lifestyle	762	Pay	1.77
212	213	Discovery Turbo	SD	Knowledge & Lifestyle	764	Pay	1.18
213	214	TravelXP HD	HD	Knowledge & Lifestyle	765	Pay	10.62
214	215	TravelXP	SD	Knowledge & Lifestyle	766	Pay	3.54
215	216	Food Food	SD	Knowledge & Lifestyle	768	FTA	0.00
216	217	Zee Zest HD	HD	Knowledge & Lifestyle	769	Pay	11.80

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
217	218	Zee Zest	SD	Knowledge & Lifestyle	770	Pay	1.18
218	219	Fashion TV	SD	Knowledge & Lifestyle	772	FTA	0.00
219	220	MTV HD+	HD	Music	806	Pay	5.90
220	221	MTV	SD	Music	807	Pay	3.54
221	222	9XM	SD	Music	809	FTA	0.00
222	223	Zoom	SD	Music	811	Pay	0.59
223	224	E24	SD	Music	813	FTA	0.00
224	225	MTV Beats HD	HD	Music	820	Pay	1.18
225	226	MTV Beats	SD	Music	821	Pay	0.12
226	227	B4U Music	SD	Music	822	FTA	0.00
227	228	Mastiii	SD	Music	825	FTA	0.00
228	229	Zing	SD	Music	826	Pay	0.12
229	230	9X Jalwa	SD	Music	830	FTA	0.00
230	231	insync	SD	Music	833	FTA	0.00
231	232	Showbox	SD	Music	835	FTA	0.00
232	233	Vh1 HD	HD	Music	855	Pay	2.36
233	234	Vh1	SD	Music	856	Pay	1.18
234	235	Aastha	SD	Spiritual	1055	FTA	0.00
235	236	Sanskars	SD	Spiritual	1057	FTA	0.00
236	237	Disha TV	SD	Spiritual	1058	FTA	0.00
237	238	Paras TV	SD	Spiritual	1059	FTA	0.00
238	239	MH One Shraddha	SD	Spiritual	1061	FTA	0.00
239	240	Sadhna TV	SD	Spiritual	1063	FTA	0.00
240	241	Sharnam TV	SD	Spiritual	1064	FTA	0.00
241	242	Peace of Mind	SD	Spiritual	1065	FTA	0.00
242	243	Jinvani Channel	SD	Spiritual	1066	FTA	0.00
243	244	Arihant	SD	Spiritual	1067	FTA	0.00
244	245	Ishwar TV	SD	Spiritual	1068	FTA	0.00
245	246	Satsang TV	SD	Spiritual	1073	FTA	0.00
246	247	Shubh TV	SD	Spiritual	1074	FTA	0.00
247	248	Aastha Bhajan	SD	Spiritual	1077	FTA	0.00
248	249	Vedic	SD	Spiritual	1078	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
249	250	Subharti TV	SD	Spiritual	1082	FTA	0.00
250	251	Divya	SD	Spiritual	1083	FTA	0.00
251	252	Awakening	SD	Spiritual	1084	FTA	0.00
252	253	Santwani	SD	Spiritual	1085	FTA	0.00
253	254	Big Ganga	SD	Hindi Regional	1102	Pay	0.59
254	255	Dishum	SD	Hindi Regional	1103	FTA	0.00
255	256	Enterr10 Rangeela	SD	Hindi Regional	1104	FTA	0.00
256	257	Zee Biskepe	SD	Hindi Regional	1113	Pay	0.12
257	258	Filamchi Bhojpuri	SD	Hindi Regional	1114	Pay	0.30
258	259	Oscar Movies Bhojpuri	SD	Hindi Regional	1118	FTA	0.00
259	260	Bhojpuri Cinema	SD	Hindi Regional	1119	FTA	0.00
260	261	B4U Bhojpuri	SD	Hindi Regional	1120	FTA	0.00
261	262	Mango TV	SD	Hindi Regional	1122	FTA	0.00
262	263	News18 Uttar Pradesh Uttarakhand	SD	Hindi Regional	1125	Pay	0.12
263	264	Zee Uttar Pradesh Uttarakhand	SD	Hindi Regional	1126	Pay	0.12
264	265	ABP Ganga	SD	Hindi Regional	1127	FTA	0.00
265	266	News18 Bihar Jharkhand	SD	Hindi Regional	1129	Pay	0.12
266	267	Zee Bihar Jharkhand	SD	Hindi Regional	1130	Pay	0.12
267	268	India News UP UK	SD	Hindi Regional	1136	FTA	0.00
268	269	News State UP Uttarakhand	SD	Hindi Regional	1137	FTA	0.00
269	270	Sadhna Plus News	SD	Hindi Regional	1138	FTA	0.00
270	271	Kashish News	SD	Hindi Regional	1139	FTA	0.00
271	272	DD Bharati	SD	Hindi Regional	1152	FTA	0.00
272	273	DD Uttar Pradesh	SD	Hindi Regional	1153	FTA	0.00
273	274	DD Bihar	SD	Hindi Regional	1154	FTA	0.00
274	275	News18 Madhya Pradesh Chhattisgarh	SD	Hindi Regional	1155	Pay	0.12
275	276	Zee Madhya Pradesh Chattisgarh	SD	Hindi Regional	1156	Pay	0.12
276	277	IBC 24	SD	Hindi Regional	1161	FTA	0.00
277	278	Bansal News	SD	Hindi Regional	1162	FTA	0.00
278	279	INH 24X7	SD	Hindi Regional	1163	FTA	0.00
279	280	India News MP CG	SD	Hindi Regional	1164	FTA	0.00
280	281	News State MP CG	SD	Hindi Regional	1165	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
281	282	Swaraj Express SMBC	SD	Hindi Regional	1166	FTA	0.00
282	283	Sadhna News MP CG	SD	Hindi Regional	1168	FTA	0.00
283	284	News 24 MP CG	SD	Hindi Regional	1169	FTA	0.00
284	285	Anaadi TV	SD	Hindi Regional	1170	FTA	0.00
285	286	DD Madhya Pradesh	SD	Hindi Regional	1175	FTA	0.00
286	287	News18 Rajasthan	SD	Hindi Regional	1176	Pay	0.12
287	288	Zee Rajasthan News	SD	Hindi Regional	1177	Pay	0.12
288	289	First India Rajasthan	SD	Hindi Regional	1182	FTA	0.00
289	290	India News Rajasthan	SD	Hindi Regional	1183	FTA	0.00
290	291	Patrika TV Rajasthan	SD	Hindi Regional	1184	FTA	0.00
291	292	Jan TV	SD	Hindi Regional	1185	FTA	0.00
292	293	A1 TV	SD	Hindi Regional	1186	FTA	0.00
293	294	DD Rajasthan	SD	Hindi Regional	1190	FTA	0.00
294	295	News18 Urdu	SD	Hindi Regional	1191	Pay	0.12
295	296	Zee Salaam	SD	Hindi Regional	1192	Pay	0.12
296	297	Channel Win	SD	Hindi Regional	1193	FTA	0.00
297	298	Gulistan News	SD	Hindi Regional	1194	FTA	0.00
298	299	Tehzeeb TV	SD	Hindi Regional	1195	FTA	0.00
299	300	DD Urdu	SD	Hindi Regional	1199	FTA	0.00
300	301	Colors Marathi HD	HD	Marathi Regional	1201	Pay	20.06
301	302	Colors Marathi	SD	Marathi Regional	1202	Pay	11.80
302	303	Zee Marathi HD	HD	Marathi Regional	1203	Pay	22.42
303	304	Zee Marathi	SD	Marathi Regional	1204	Pay	22.42
304	305	Star Pravah HD	HD	Marathi Regional	1207	Pay	17.70
305	306	Star Pravah	SD	Marathi Regional	1208	Pay	10.62
306	307	Zee Yuva	SD	Marathi Regional	1211	Pay	1.18
307	308	Sony Marathi	SD	Marathi Regional	1213	Pay	4.72
308	309	Fakt Marathi	SD	Marathi Regional	1220	FTA	0.00
309	310	Zee Talkies HD	HD	Marathi Regional	1225	Pay	22.42
310	311	Zee Talkies	SD	Marathi Regional	1226	Pay	2.36
311	312	Shemaroo Marathi Bana	SD	Marathi Regional	1230	FTA	0.00
312	313	ABP Majha	SD	Marathi Regional	1255	FTA	0.00
313	314	News18 Lokmat	SD	Marathi Regional	1257	Pay	0.12

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
314	315	Zee 24 Taas	SD	Marathi Regional	1259	Pay	0.12
315	316	Saam TV	SD	Marathi Regional	1261	FTA	0.00
316	317	Jai Maharashtra	SD	Marathi Regional	1262	FTA	0.00
317	318	TV9 Marathi	SD	Marathi Regional	1263	FTA	0.00
318	319	Lokshahi	SD	Marathi Regional	1265	FTA	0.00
319	320	DD Sahyadri	SD	Marathi Regional	1274	FTA	0.00
320	321	9X Jhakaas	SD	Marathi Regional	1276	FTA	0.00
321	322	Sangeet Marathi	SD	Marathi Regional	1277	FTA	0.00
322	323	Zee Vajwa	SD	Marathi Regional	1278	Pay	0.12
323	324	Colors Bangla HD	HD	Bengali Regional	1302	Pay	16.52
324	325	Colors Bangla	SD	Bengali Regional	1303	Pay	8.26
325	326	Zee Bangla HD	HD	Bengali Regional	1306	Pay	22.42
326	327	Zee Bangla	SD	Bengali Regional	1307	Pay	22.42
327	328	Star Jalsha HD	HD	Bengali Regional	1309	Pay	22.42
328	329	Star Jalsha	SD	Bengali Regional	1310	Pay	22.42
329	330	Sony Aath	SD	Bengali Regional	1312	Pay	4.72
330	331	Sun Bangla	SD	Bengali Regional	1317	FTA	0.00
331	332	Aakaash Aath	SD	Bengali Regional	1320	FTA	0.00
332	333	Ruposhi Bangla	SD	Bengali Regional	1321	FTA	0.00
333	334	Enterr10 Bangla	SD	Bengali Regional	1322	FTA	0.00
334	335	Jalsha Movies HD	HD	Bengali Regional	1326	Pay	22.42
335	336	Jalsha Movies	SD	Bengali Regional	1327	Pay	7.08
336	337	Zee Bangla Cinema	SD	Bengali Regional	1329	Pay	2.36
337	338	Colors Bangla Cinema	SD	Bengali Regional	1331	Pay	1.18
338	339	Khushboo Bangla	SD	Bengali Regional	1341	FTA	0.00
339	340	Star Sports 1 Bangla	SD	Bengali Regional	1350	Pay	22.42
340	341	ABP Ananda	SD	Bengali Regional	1360	FTA	0.00
341	342	Zee 24 Ghanta	SD	Bengali Regional	1362	Pay	0.12
342	343	Kolkata TV	SD	Bengali Regional	1363	FTA	0.00
343	344	News18 Bangla	SD	Bengali Regional	1365	Pay	0.12
344	345	TV9 Bangla	SD	Bengali Regional	1366	FTA	0.00
345	346	Republic Bangla	SD	Bengali Regional	1367	FTA	0.00
346	347	News Time Bangla	SD	Bengali Regional	1368	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
347	348	CTVN AKD Plus	SD	Bengali Regional	1369	FTA	0.00
348	349	Calcutta News	SD	Bengali Regional	1370	FTA	0.00
349	350	DD Bangla	SD	Bengali Regional	1379	FTA	0.00
350	351	Sangeet Bangla	SD	Bengali Regional	1380	FTA	0.00
351	352	Zee Telugu HD	HD	Telugu Regional	1403	Pay	22.42
352	353	Zee Telugu	SD	Telugu Regional	1404	Pay	22.42
353	354	Gemini TV HD	HD	Telugu Regional	1405	Pay	22.42
354	355	Gemini TV	SD	Telugu Regional	1406	Pay	22.42
355	356	Star Maa HD	HD	Telugu Regional	1408	Pay	22.42
356	357	Star Maa	SD	Telugu Regional	1409	Pay	22.42
357	358	ETV HD	HD	Telugu Regional	1411	Pay	22.42
358	359	ETV Telugu	SD	Telugu Regional	1412	Pay	20.06
359	360	Gemini Life	SD	Telugu Regional	1415	Pay	5.90
360	361	ETV Plus	SD	Telugu Regional	1417	Pay	8.26
361	362	Telugu Naaptol	SD	Telugu Regional	1419	FTA	0.00
362	363	Vissa TV	SD	Telugu Regional	1422	FTA	0.00
363	364	Studio Yuva	SD	Telugu Regional	1423	FTA	0.00
364	365	Gemini Movies HD	HD	Telugu Regional	1430	Pay	22.42
365	366	Gemini Movies	SD	Telugu Regional	1431	Pay	20.06
366	367	Star Maa Movies HD	HD	Telugu Regional	1432	Pay	22.42
367	368	Star Maa Movies	SD	Telugu Regional	1433	Pay	11.80
368	369	Star Maa Gold	SD	Telugu Regional	1435	Pay	2.36
369	370	Zee Cinemalu HD	HD	Telugu Regional	1437	Pay	18.88
370	371	Zee Cinemalu	SD	Telugu Regional	1438	Pay	11.80
371	372	ETV Cinema	SD	Telugu Regional	1440	Pay	7.08
372	373	Gemini Comedy	SD	Telugu Regional	1442	Pay	5.90
373	374	Star Sports 1 Telugu	SD	Telugu Regional	1446	Pay	22.42
374	375	ETV Life	SD	Telugu Regional	1451	Pay	1.18
375	376	ETV Abhiruchi	SD	Telugu Regional	1453	Pay	2.36
376	377	Sakshi TV	SD	Telugu Regional	1456	FTA	0.00
377	378	ETV Andhra Pradesh	SD	Telugu Regional	1457	Pay	1.18
378	379	TV5 News	SD	Telugu Regional	1458	FTA	0.00
379	380	TV9 Telugu	SD	Telugu Regional	1459	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
380	381	NTV Telugu	SD	Telugu Regional	1460	FTA	0.00
381	382	ABN Andhra Jyothy	SD	Telugu Regional	1461	FTA	0.00
382	383	T News	SD	Telugu Regional	1462	FTA	0.00
383	384	V6 News	SD	Telugu Regional	1463	FTA	0.00
384	385	ETV Telangana	SD	Telugu Regional	1464	Pay	1.18
385	386	HM TV	SD	Telugu Regional	1465	FTA	0.00
386	387	Raj News	SD	Telugu Regional	1466	FTA	0.00
387	388	10 TV	SD	Telugu Regional	1467	FTA	0.00
388	389	4TV News	SD	Telugu Regional	1470	FTA	0.00
389	390	Vidya	SD	Telugu Regional	1479	FTA	0.00
390	391	Nipuna	SD	Telugu Regional	1480	FTA	0.00
391	392	DD Saptagiri	SD	Telugu Regional	1481	FTA	0.00
392	393	DD Yadagiri	SD	Telugu Regional	1482	FTA	0.00
393	394	Gemini Music	SD	Telugu Regional	1484	Pay	4.72
394	395	Star Maa Music	SD	Telugu Regional	1486	Pay	1.18
395	396	Raj Musix Telugu	SD	Telugu Regional	1487	FTA	0.00
396	397	Bhakti TV	SD	Telugu Regional	1490	FTA	0.00
397	398	Subhavaartha TV	SD	Telugu Regional	1491	FTA	0.00
398	399	Aradana TV	SD	Telugu Regional	1492	FTA	0.00
399	400	Swara Sagar	SD	Telugu Regional	1493	FTA	0.00
400	401	Hindu Dharmam	SD	Telugu Regional	1494	FTA	0.00
401	402	SVBC	SD	Telugu Regional	1499	FTA	0.00
402	403	Sun TV HD	HD	Tamil Regional	1503	Pay	22.42
403	404	Sun TV	SD	Tamil Regional	1504	Pay	22.42
404	405	Sun Life	SD	Tamil Regional	1506	Pay	10.62
405	406	Star Vijay HD	HD	Tamil Regional	1507	Pay	22.42
406	407	Star Vijay	SD	Tamil Regional	1508	Pay	20.06
407	408	Zee Tamil HD	HD	Tamil Regional	1510	Pay	22.42
408	409	Zee Tamil	SD	Tamil Regional	1511	Pay	14.16
409	410	Vijay Super	SD	Tamil Regional	1513	Pay	2.36
410	411	Colors Tamil HD	HD	Tamil Regional	1514	Pay	8.26
411	412	Colors Tamil	SD	Tamil Regional	1515	Pay	3.54
412	413	Jaya TV HD	HD	Tamil Regional	1517	Pay	7.08

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
413	414	Kalaignar TV	SD	Tamil Regional	1518	FTA	0.00
414	415	Raj TV	SD	Tamil Regional	1520	Pay	3.54
415	416	D Tamil	SD	Tamil Regional	1521	Pay	4.72
416	417	Raj Digital Plus	SD	Tamil Regional	1522	Pay	1.77
417	418	Mega TV	SD	Tamil Regional	1523	Pay	3.54
418	419	Mega 24	SD	Tamil Regional	1524	Pay	1.18
419	420	Tamil Naaptol	SD	Tamil Regional	1525	FTA	0.00
420	421	Vasanth TV	SD	Tamil Regional	1530	FTA	0.00
421	422	Sirippoli	SD	Tamil Regional	1531	FTA	0.00
422	423	Polimer TV	SD	Tamil Regional	1532	FTA	0.00
423	424	Makkal TV	SD	Tamil Regional	1533	FTA	0.00
424	425	Peppers TV	SD	Tamil Regional	1534	FTA	0.00
425	426	Moon TV	SD	Tamil Regional	1535	FTA	0.00
426	427	Vendhar TV	SD	Tamil Regional	1536	FTA	0.00
427	428	KTV HD	HD	Tamil Regional	1540	Pay	22.42
428	429	KTV	SD	Tamil Regional	1541	Pay	22.42
429	430	Adithya TV	SD	Tamil Regional	1543	Pay	10.62
430	431	J Movies	SD	Tamil Regional	1544	Pay	2.66
431	432	Zee Thirai	SD	Tamil Regional	1546	Pay	5.90
432	433	Music Zone	SD	Tamil Regional	1547	FTA	0.00
433	434	Star Sports 1 Tamil	SD	Tamil Regional	1551	Pay	20.06
434	435	Sony Ten 4	SD	Tamil Regional	1552	Pay	20.06
435	436	TravelXP Tamil	SD	Tamil Regional	1553	Pay	1.77
436	437	Kalvi TV	SD	Tamil Regional	1554	FTA	0.00
437	438	Puthiya Thalaimurai	SD	Tamil Regional	1556	FTA	0.00
438	439	Thanthi TV	SD	Tamil Regional	1557	FTA	0.00
439	440	Jaya Plus	SD	Tamil Regional	1558	Pay	0.00
440	441	Sun News	SD	Tamil Regional	1559	Pay	0.00
441	442	News 7 Tamil	SD	Tamil Regional	1560	FTA	0.00
442	443	Polimer News	SD	Tamil Regional	1561	FTA	0.00
443	444	News18 Tamil Nadu	SD	Tamil Regional	1562	Pay	0.00
444	445	Seithigal TV	SD	Tamil Regional	1563	FTA	0.00
445	446	Raj News Tamil	SD	Tamil Regional	1564	Pay	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
446	447	Sathiyam TV	SD	Tamil Regional	1565	FTA	0.00
447	448	Malaimurasu Seithigal	SD	Tamil Regional	1566	FTA	0.00
448	449	Captain News	SD	Tamil Regional	1567	FTA	0.00
449	450	News J	SD	Tamil Regional	1568	FTA	0.00
450	451	DD Podhigai	SD	Tamil Regional	1578	FTA	0.00
451	452	Sun Music HD	HD	Tamil Regional	1579	Pay	22.42
452	453	Sun Music	SD	Tamil Regional	1580	Pay	7.08
453	454	Jaya Max	SD	Tamil Regional	1581	Pay	2.66
454	455	Raj Musix	SD	Tamil Regional	1582	Pay	1.18
455	456	Vijay Music	SD	Tamil Regional	1583	Pay	1.18
456	457	Isaiaruvi	SD	Tamil Regional	1584	FTA	0.00
457	458	Murasu TV	SD	Tamil Regional	1585	FTA	0.00
458	459	Mega Musiq	SD	Tamil Regional	1586	Pay	2.36
459	460	Jothi TV	SD	Tamil Regional	1587	FTA	0.00
460	461	Madha TV	SD	Tamil Regional	1590	FTA	0.00
461	462	Angel TV	SD	Tamil Regional	1591	FTA	0.00
462	463	Nambikkai TV	SD	Tamil Regional	1592	FTA	0.00
463	464	SVBC 2	SD	Tamil Regional	1599	FTA	0.00
464	465	Udaya TV HD	HD	Kannada Regional	1603	Pay	22.42
465	466	Udaya TV	SD	Kannada Regional	1604	Pay	20.06
466	467	Colors Kannada HD	HD	Kannada Regional	1605	Pay	22.42
467	468	Colors Kannada	SD	Kannada Regional	1606	Pay	22.42
468	469	Star Suvarna HD	HD	Kannada Regional	1609	Pay	22.42
469	470	Star Suvarna	SD	Kannada Regional	1610	Pay	22.42
470	471	Zee Kannada HD	HD	Kannada Regional	1611	Pay	22.42
471	472	Zee Kannada	SD	Kannada Regional	1612	Pay	22.42
472	473	Colors Super	SD	Kannada Regional	1615	Pay	3.54
473	474	Kannada Naaptol	SD	Kannada Regional	1617	FTA	0.00
474	475	Sirikannada All Time	SD	Kannada Regional	1618	FTA	0.00
475	476	Udaya Movies	SD	Kannada Regional	1626	Pay	18.88
476	477	Udaya Comedy	SD	Kannada Regional	1628	Pay	7.08
477	478	Star Suvarna Plus	SD	Kannada Regional	1630	Pay	5.90
478	479	Colors Kannada Cinema	SD	Kannada Regional	1632	Pay	2.36

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
479	480	Zee Picchar	SD	Kannada Regional	1634	Pay	3.54
480	481	Public Movies	SD	Kannada Regional	1639	FTA	0.00
481	482	Star Sports 1 Kannada	SD	Kannada Regional	1645	Pay	22.42
482	483	Kasthuri	SD	Kannada Regional	1650	FTA	0.00
483	484	TV9 Kannada	SD	Kannada Regional	1653	FTA	0.00
484	485	Asianet Suvarna News	SD	Kannada Regional	1654	FTA	0.00
485	486	Public TV	SD	Kannada Regional	1655	FTA	0.00
486	487	News18 Kannada	SD	Kannada Regional	1656	Pay	0.00
487	488	TV5 Kannada	SD	Kannada Regional	1657	FTA	0.00
488	489	Raj News Kannada	SD	Kannada Regional	1658	FTA	0.00
489	490	Dighvijay 24x7 News	SD	Kannada Regional	1659	FTA	0.00
490	491	Power TV	SD	Kannada Regional	1660	FTA	0.00
491	492	News 1st	SD	Kannada Regional	1661	FTA	0.00
492	493	DD Chandana	SD	Kannada Regional	1672	FTA	0.00
493	494	Udaya Music	SD	Kannada Regional	1673	Pay	0.00
494	495	Raj Musix Kannada	SD	Kannada Regional	1674	FTA	0.00
495	496	Public Music	SD	Kannada Regional	1677	FTA	0.00
496	497	Sri Sankara TV	SD	Kannada Regional	1685	FTA	0.00
497	498	Ayush TV	SD	Kannada Regional	1686	FTA	0.00
498	499	Colors Gujarati	SD	Gujarati Regional	1702	Pay	5.90
499	500	Colors Gujarati Cinema	SD	Gujarati Regional	1711	Pay	1.18
500	501	TV9 Gujarati	SD	Gujarati Regional	1720	FTA	0.00
501	502	Gujarat Samachar TV	SD	Gujarati Regional	1721	FTA	0.00
502	503	Sandesh News	SD	Gujarati Regional	1722	FTA	0.00
503	504	CNBC Bazaar	SD	Gujarati Regional	1724	Pay	0.00
504	505	News18 Gujarati	SD	Gujarati Regional	1726	Pay	0.00
505	506	ABP Asmita	SD	Gujarati Regional	1728	FTA	0.00
506	507	VTV Gujarati	SD	Gujarati Regional	1729	FTA	0.00
507	508	Zee 24 Kalak	SD	Gujarati Regional	1731	Pay	0.00
508	509	India News Gujarat	SD	Gujarati Regional	1732	FTA	0.00
509	510	Mantavya News	SD	Gujarati Regional	1734	FTA	0.00
510	511	DD Girnar	SD	Gujarati Regional	1739	FTA	0.00
511	512	Colors Oriya	SD	Odia Regional	1752	Pay	7.08

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
512	513	Tarang TV	SD	Odia Regional	1754	Pay	11.80
513	514	Zee Sarthak	SD	Odia Regional	1756	Pay	22.42
514	515	Manjari	SD	Odia Regional	1760	FTA	0.00
515	516	Alankar	SD	Odia Regional	1763	Pay	4.72
516	517	OTV	SD	Odia Regional	1771	FTA	0.00
517	518	Zee Odisha	SD	Odia Regional	1773	Pay	0.12
518	519	Kanak News	SD	Odia Regional	1774	FTA	0.00
519	520	News18 Odia	SD	Odia Regional	1776	Pay	0.12
520	521	Kalinga TV	SD	Odia Regional	1777	FTA	0.00
521	522	Prameya News 7	SD	Odia Regional	1778	FTA	0.00
522	523	Nandighosha TV	SD	Odia Regional	1779	FTA	0.00
523	524	Argus News	SD	Odia Regional	1780	FTA	0.00
524	525	DD Odia	SD	Odia Regional	1785	FTA	0.00
525	526	Tarang Music	SD	Odia Regional	1786	Pay	2.36
526	527	Prarthana TV	SD	Odia Regional	1795	Pay	2.36
527	528	Surya TV HD	HD	Malayalam Regional	1802	Pay	22.42
528	529	Surya TV	SD	Malayalam Regional	1803	Pay	14.16
529	530	Asianet HD	HD	Malayalam Regional	1806	Pay	22.42
530	531	Asianet	SD	Malayalam Regional	1807	Pay	22.42
531	532	Asianet Plus	SD	Malayalam Regional	1809	Pay	5.90
532	533	Zee Keralam HD	HD	Malayalam Regional	1811	Pay	9.44
533	534	Zee Keralam	SD	Malayalam Regional	1812	Pay	0.12
534	535	Flowers	SD	Malayalam Regional	1814	Pay	11.80
535	536	Amrita TV	SD	Malayalam Regional	1817	FTA	0.00
536	537	Mazhavil Manorama HD	HD	Malayalam Regional	1818	FTA	0.00
537	538	Mazhavil Manorama	SD	Malayalam Regional	1819	FTA	0.00
538	539	Kairali TV	SD	Malayalam Regional	1820	FTA	0.00
539	540	We TV	SD	Malayalam Regional	1822	FTA	0.00
540	541	Naaptol Malayalam	SD	Malayalam Regional	1823	FTA	0.00
541	542	Surya Movies	SD	Malayalam Regional	1826	Pay	12.98
542	543	Asianet Movies	SD	Malayalam Regional	1828	Pay	17.70
543	544	Surya Comedy	SD	Malayalam Regional	1830	Pay	4.72
544	545	Safari TV	SD	Malayalam Regional	1838	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
545	546	Asianet News	SD	Malayalam Regional	1841	FTA	0.00
546	547	Kairali News	SD	Malayalam Regional	1842	FTA	0.00
547	548	Manorama News	SD	Malayalam Regional	1843	FTA	0.00
548	549	Mathrubhumi News	SD	Malayalam Regional	1844	FTA	0.00
549	550	News18 Kerala	SD	Malayalam Regional	1846	Pay	0.00
550	551	Jai Hind TV	SD	Malayalam Regional	1847	FTA	0.00
551	552	Jeevan TV	SD	Malayalam Regional	1848	FTA	0.00
552	553	Media One TV	SD	Malayalam Regional	1849	FTA	0.00
553	554	Janam TV	SD	Malayalam Regional	1850	FTA	0.00
554	555	Kaumudy	SD	Malayalam Regional	1851	FTA	0.00
555	556	Raj News Malayalam	SD	Malayalam Regional	1853	FTA	0.00
556	557	Twenty four	SD	Malayalam Regional	1854	FTA	0.00
557	558	KITE Victers	SD	Malayalam Regional	1873	FTA	0.00
558	559	DD Malayalam	SD	Malayalam Regional	1874	FTA	0.00
559	560	Surya Music	SD	Malayalam Regional	1875	Pay	4.72
560	561	Raj Musix Malayalam	SD	Malayalam Regional	1877	FTA	0.00
561	562	Kappa TV	SD	Malayalam Regional	1878	FTA	0.00
562	563	Goodness	SD	Malayalam Regional	1885	FTA	0.00
563	564	God TV	SD	Malayalam Regional	1886	FTA	0.00
564	565	SHALOM TV	SD	Malayalam Regional	1887	FTA	0.00
565	566	Harvest TV 24x7	SD	Malayalam Regional	1888	FTA	0.00
566	567	Zee Punjabi	SD	Punjabi Regional	1903	Pay	3.54
567	568	PTC Punjabi	SD	Punjabi Regional	1906	FTA	0.00
568	569	MH One	SD	Punjabi Regional	1907	FTA	0.00
569	570	Pitaara TV	SD	Punjabi Regional	1911	FTA	0.00
570	571	PTC Punjabi Gold	SD	Punjabi Regional	1912	FTA	0.00
571	572	Zee Punjab Haryana Himachal Pradesh	SD	Punjabi Regional	1920	Pay	0.00
572	573	PTC News	SD	Punjabi Regional	1921	FTA	0.00
573	574	News18 Punjab Haryana Himachal	SD	Punjabi Regional	1922	Pay	0.00
574	575	India News Punjab	SD	Punjabi Regional	1923	FTA	0.00
575	576	India News Haryana	SD	Punjabi Regional	1924	FTA	0.00
576	577	Janta TV	SD	Punjabi Regional	1925	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
577	578	MH One News	SD	Punjabi Regional	1926	FTA	0.00
578	579	ANB News	SD	Punjabi Regional	1927	FTA	0.00
579	580	Living India News	SD	Punjabi Regional	1928	FTA	0.00
580	581	DD Punjabi	SD	Punjabi Regional	1935	FTA	0.00
581	582	PTC Chak De	SD	Punjabi Regional	1938	FTA	0.00
582	583	Tashan	SD	Punjabi Regional	1939	FTA	0.00
583	584	Balle Balle	SD	Punjabi Regional	1940	FTA	0.00
584	585	PTC Music	SD	Punjabi Regional	1941	FTA	0.00
585	586	Punjabi hits	SD	Punjabi Regional	1942	FTA	0.00
586	587	Chardikla Time TV	SD	Punjabi Regional	1945	FTA	0.00
587	588	PTC Simran	SD	Punjabi Regional	1946	FTA	0.00
588	589	Nepal 1	SD	Others	1951	FTA	0.00
589	590	Rang	SD	Others	1952	FTA	0.00
590	591	Rengoni TV	SD	Others	1953	FTA	0.00
591	592	Indradhanu	SD	Others	1961	FTA	0.00
592	593	DY 365	SD	Others	1970	FTA	0.00
593	594	News18 Assam North East	SD	Others	1971	Pay	0.00
594	595	News Live	SD	Others	1973	FTA	0.00
595	596	Protidin Time	SD	Others	1974	FTA	0.00
596	597	Prag News	SD	Others	1975	FTA	0.00
597	598	North East Live	SD	Others	1976	FTA	0.00
598	599	NKTV 24x7	SD	Others	1977	FTA	0.00
599	600	Hornbill TV	SD	Others	1978	FTA	0.00
600	601	DD Port Blair	SD	Others	1985	FTA	0.00
601	602	DD Arunprabha	SD	Others	1986	FTA	0.00
602	603	DD Manipur	SD	Others	1987	FTA	0.00
603	604	DD North East	SD	Others	1988	FTA	0.00
604	605	DD Kashir	SD	Others	1989	FTA	0.00
605	606	Ramdhenu	SD	Others	1990	FTA	0.00

Maximum MRP of channel

In [43]:

```
max_price=TaSy_CH[TaSy_CH.MRP==TaSy_CH['MRP'].max()]
```

max_price

Out[43]:

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
1	2	Star Plus HD	HD	Hindi Entertainment	115	Pay	22.42
2	3	Star Plus	SD	Hindi Entertainment	117	Pay	22.42
3	4	Star Bharat HD	HD	Hindi Entertainment	121	Pay	22.42
5	6	SET HD	HD	Hindi Entertainment	128	Pay	22.42
6	7	SET	SD	Hindi Entertainment	130	Pay	22.42
7	8	Sony SAB HD	HD	Hindi Entertainment	132	Pay	22.42
8	9	Sony SAB	SD	Hindi Entertainment	134	Pay	22.42
9	10	&TV HD	HD	Hindi Entertainment	137	Pay	22.42
11	12	Zee TV HD	HD	Hindi Entertainment	141	Pay	22.42
12	13	Zee TV	SD	Hindi Entertainment	143	Pay	22.42
13	14	Colors HD	HD	Hindi Entertainment	147	Pay	22.42
14	15	Colors	SD	Hindi Entertainment	149	Pay	22.42
35	36	Zee Caf? HD	HD	English Entertainment	210	Pay	22.42
47	48	Zee Cinema HD	HD	Hindi Movies	319	Pay	22.42
54	55	&pictures HD	HD	Hindi Movies	331	Pay	22.42
73	74	Star Movies HD	HD	English Movies	402	Pay	22.42
77	78	&flix HD	HD	English Movies	412	Pay	22.42
86	87	&prive HD	HD	English Movies	431	Pay	22.42
88	89	Star Sports 1 HD	HD	Sports	454	Pay	22.42
89	90	Star Sports 1	SD	Sports	455	Pay	22.42
90	91	Star Sports 2 HD	HD	Sports	456	Pay	22.42
93	74	Star Sports 1 Hindi HD	HD	Sports	459	Pay	22.42
94	95	Star Sports 1 Hindi	SD	Sports	460	Pay	22.42
95	96	Star Sports Select 1 HD	HD	Sports	463	Pay	22.42
96	97	Star Sports Select 1	SD	Sports	464	Pay	22.42
99	100	Sony Ten 1 HD	HD	Sports	470	Pay	22.42
100	101	Sony Ten 1	SD	Sports	471	Pay	22.42
105	106	Sony Six HD	HD	Sports	483	Pay	22.42
302	303	Zee Marathi HD	HD	Marathi Regional	1203	Pay	22.42
303	304	Zee Marathi	SD	Marathi Regional	1204	Pay	22.42
309	310	Zee Talkies HD	HD	Marathi Regional	1225	Pay	22.42
325	326	Zee Bangla HD	HD	Bengali Regional	1306	Pay	22.42

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
326	327	Zee Bangla	SD	Bengali Regional	1307	Pay	22.42
327	328	Star Jalsha HD	HD	Bengali Regional	1309	Pay	22.42
328	329	Star Jalsha	SD	Bengali Regional	1310	Pay	22.42
334	335	Jalsha Movies HD	HD	Bengali Regional	1326	Pay	22.42
339	340	Star Sports 1 Bangla	SD	Bengali Regional	1350	Pay	22.42
351	352	Zee Telugu HD	HD	Telugu Regional	1403	Pay	22.42
352	353	Zee Telugu	SD	Telugu Regional	1404	Pay	22.42
353	354	Gemini TV HD	HD	Telugu Regional	1405	Pay	22.42
354	355	Gemini TV	SD	Telugu Regional	1406	Pay	22.42
355	356	Star Maa HD	HD	Telugu Regional	1408	Pay	22.42
356	357	Star Maa	SD	Telugu Regional	1409	Pay	22.42
357	358	ETV HD	HD	Telugu Regional	1411	Pay	22.42
364	365	Gemini Movies HD	HD	Telugu Regional	1430	Pay	22.42
366	367	Star Maa Movies HD	HD	Telugu Regional	1432	Pay	22.42
373	374	Star Sports 1 Telugu	SD	Telugu Regional	1446	Pay	22.42
402	403	Sun TV HD	HD	Tamil Regional	1503	Pay	22.42
403	404	Sun TV	SD	Tamil Regional	1504	Pay	22.42
405	406	Star Vijay HD	HD	Tamil Regional	1507	Pay	22.42
407	408	Zee Tamil HD	HD	Tamil Regional	1510	Pay	22.42
427	428	KTV HD	HD	Tamil Regional	1540	Pay	22.42
428	429	KTV	SD	Tamil Regional	1541	Pay	22.42
451	452	Sun Music HD	HD	Tamil Regional	1579	Pay	22.42
464	465	Udaya TV HD	HD	Kannada Regional	1603	Pay	22.42
466	467	Colors Kannada HD	HD	Kannada Regional	1605	Pay	22.42
467	468	Colors Kannada	SD	Kannada Regional	1606	Pay	22.42
468	469	Star Suvarna HD	HD	Kannada Regional	1609	Pay	22.42
469	470	Star Suvarna	SD	Kannada Regional	1610	Pay	22.42
470	471	Zee Kannada HD	HD	Kannada Regional	1611	Pay	22.42
471	472	Zee Kannada	SD	Kannada Regional	1612	Pay	22.42
481	482	Star Sports 1 Kannada	SD	Kannada Regional	1645	Pay	22.42
513	514	Zee Sarthak	SD	Odia Regional	1756	Pay	22.42
527	528	Surya TV HD	HD	Malayalam Regional	1802	Pay	22.42
529	530	Asianet HD	HD	Malayalam Regional	1806	Pay	22.42
530	531	Asianet	SD	Malayalam Regional	1807	Pay	22.42

Mininimum price of a channel

In [44]:

```
min_price=TaSy_CH[TaSy_CH.MRP==TaSy_CH['MRP'].min()]
min_price
```

Out[44]:

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
0	1	DD National	SD	Hindi Entertainment	114	FTA	0.0
17	18	Naaptol	SD	Shopping	156	FTA	0.0
18	19	Ezmall	SD	Others	158	FTA	0.0
23	24	The Q	SD	Hindi Entertainment	175	FTA	0.0
25	26	Dangal	SD	Hindi Entertainment	177	FTA	0.0
26	27	Anjan TV	SD	Hindi Entertainment	178	FTA	0.0
27	28	DD Retro	SD	Hindi Entertainment	180	FTA	0.0
28	29	Shemaroo TV	SD	Hindi Entertainment	181	FTA	0.0
30	31	Azaad	SD	Hindi Entertainment	183	FTA	0.0
31	32	DD Kisan	SD	Hindi Entertainment	198	FTA	0.0
58	59	B4U Kadak	SD	Hindi Movies	346	FTA	0.0
61	62	B4U Movies	SD	Hindi Movies	352	FTA	0.0
65	66	Cinema TV India	SD	Hindi Movies	358	FTA	0.0
66	67	Wow Cinema One	SD	Hindi Movies	365	FTA	0.0
67	68	Enterr10 Movies	SD	Hindi Movies	366	FTA	0.0
68	69	Bflix Movies	SD	Hindi Movies	367	FTA	0.0
71	72	Dhinchaak	SD	Hindi Movies	375	FTA	0.0
72	73	Manoranjan TV	SD	Hindi Movies	376	FTA	0.0
87	88	DD Sports	SD	Sports	453	FTA	0.0
111	112	DD News HD	HD	Hindi News	501	FTA	0.0
112	113	DD News	SD	Hindi News	502	FTA	0.0
113	114	ABP News	SD	Hindi News	504	FTA	0.0
118	119	India TV	SD	Hindi News	514	FTA	0.0
119	120	News 24	SD	Hindi News	516	FTA	0.0
122	123	R Bharat	SD	Hindi News	521	FTA	0.0
123	124	India News	SD	Hindi News	522	FTA	0.0
124	125	News Nation	SD	Hindi News	523	FTA	0.0

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
125	126	TV9 Bharatvarsh	SD	Hindi News	524	FTA	0.0
127	128	Total TV	SD	Hindi News	527	FTA	0.0
129	130	Sudarshan News	SD	Hindi News	534	FTA	0.0
130	131	APN News	SD	Hindi News	542	FTA	0.0
131	132	India Voice	SD	Hindi News	551	FTA	0.0
132	133	News 11 Bharat	SD	Hindi News	552	FTA	0.0
133	134	News 1 India	SD	Hindi News	553	FTA	0.0
134	135	Hindi Khabar	SD	Hindi News	557	FTA	0.0
135	136	Bharat Samachar	SD	Hindi News	559	FTA	0.0
136	137	News India 24x7	SD	Hindi News	562	FTA	0.0
137	138	Khabrain Abhi Tak	SD	Hindi News	563	FTA	0.0
138	139	Samay	SD	Hindi News	566	FTA	0.0
139	140	Network 10	SD	Hindi News	567	FTA	0.0
140	141	Jantantra TV	SD	Hindi News	568	FTA	0.0
141	142	Prime News	SD	Hindi News	569	FTA	0.0
144	145	Lok Sabha TV	SD	Hindi News	598	FTA	0.0
145	146	Rajya Sabha TV	SD	Hindi News	599	FTA	0.0
151	152	NewsX	SD	English News	610	FTA	0.0
154	155	Republic TV	SD	English News	616	FTA	0.0
155	156	India Ahead	SD	English News	617	FTA	0.0
156	157	DD India	SD	English News	622	FTA	0.0
163	164	Al Jazeera	SD	English News	637	FTA	0.0
164	165	Channel News Asia	SD	English News	638	FTA	0.0
165	166	France 24	SD	English News	639	FTA	0.0
166	167	TV5 Monde Asie	SD	English News	640	FTA	0.0
167	168	DW	SD	English News	641	FTA	0.0
168	169	Australia TV	SD	English News	642	FTA	0.0
169	170	Russia Today	SD	English News	643	FTA	0.0
207	208	DD Gyan Darshan	SD	Knowledge & Lifestyle	755	FTA	0.0
208	209	Swayam Prabha	SD	Knowledge & Lifestyle	756	FTA	0.0
215	216	Food Food	SD	Knowledge & Lifestyle	768	FTA	0.0

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
218	219	Fashion TV	SD	Knowledge & Lifestyle	772	FTA	0.0
221	222	9XM	SD	Music	809	FTA	0.0
223	224	E24	SD	Music	813	FTA	0.0
226	227	B4U Music	SD	Music	822	FTA	0.0
227	228	Mastiii	SD	Music	825	FTA	0.0
229	230	9X Jalwa	SD	Music	830	FTA	0.0
230	231	insync	SD	Music	833	FTA	0.0
231	232	Showbox	SD	Music	835	FTA	0.0
234	235	Aastha	SD	Spiritual	1055	FTA	0.0
235	236	Sanskar	SD	Spiritual	1057	FTA	0.0
236	237	Disha TV	SD	Spiritual	1058	FTA	0.0
237	238	Paras TV	SD	Spiritual	1059	FTA	0.0
238	239	MH One Shraddha	SD	Spiritual	1061	FTA	0.0
239	240	Sadhna TV	SD	Spiritual	1063	FTA	0.0
240	241	Sharnam TV	SD	Spiritual	1064	FTA	0.0
241	242	Peace of Mind	SD	Spiritual	1065	FTA	0.0
242	243	Jinvani Channel	SD	Spiritual	1066	FTA	0.0
243	244	Arihant	SD	Spiritual	1067	FTA	0.0
244	245	Ishwar TV	SD	Spiritual	1068	FTA	0.0
245	246	Satsang TV	SD	Spiritual	1073	FTA	0.0
246	247	Shubh TV	SD	Spiritual	1074	FTA	0.0
247	248	Aastha Bhajan	SD	Spiritual	1077	FTA	0.0
248	249	Vedic	SD	Spiritual	1078	FTA	0.0
249	250	Subharti TV	SD	Spiritual	1082	FTA	0.0
250	251	Divya	SD	Spiritual	1083	FTA	0.0
251	252	Awakening	SD	Spiritual	1084	FTA	0.0
252	253	Santwani	SD	Spiritual	1085	FTA	0.0
254	255	Dishum	SD	Hindi Regional	1103	FTA	0.0
255	256	Enterr10 Rangeela	SD	Hindi Regional	1104	FTA	0.0
258	259	Oscar Movies Bhojpuri	SD	Hindi Regional	1118	FTA	0.0
259	260	Bhojpuri Cinema	SD	Hindi Regional	1119	FTA	0.0
260	261	B4U Bhojpuri	SD	Hindi Regional	1120	FTA	0.0

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
261	262	Mango TV	SD	Hindi Regional	1122	FTA	0.0
264	265	ABP Ganga	SD	Hindi Regional	1127	FTA	0.0
267	268	India News UP UK	SD	Hindi Regional	1136	FTA	0.0
268	269	News State UP Uttarakhand	SD	Hindi Regional	1137	FTA	0.0
269	270	Sadhna Plus News	SD	Hindi Regional	1138	FTA	0.0
270	271	Kashish News	SD	Hindi Regional	1139	FTA	0.0
271	272	DD Bharati	SD	Hindi Regional	1152	FTA	0.0
272	273	DD Uttar Pradesh	SD	Hindi Regional	1153	FTA	0.0
273	274	DD Bihar	SD	Hindi Regional	1154	FTA	0.0
276	277	IBC 24	SD	Hindi Regional	1161	FTA	0.0
277	278	Bansal News	SD	Hindi Regional	1162	FTA	0.0
278	279	INH 24X7	SD	Hindi Regional	1163	FTA	0.0
279	280	India News MP CG	SD	Hindi Regional	1164	FTA	0.0
280	281	News State MP CG	SD	Hindi Regional	1165	FTA	0.0
281	282	Swaraj Express SMBC	SD	Hindi Regional	1166	FTA	0.0
282	283	Sadhna News MP CG	SD	Hindi Regional	1168	FTA	0.0
283	284	News 24 MP CG	SD	Hindi Regional	1169	FTA	0.0
284	285	Anaadi TV	SD	Hindi Regional	1170	FTA	0.0
285	286	DD Madhya Pradesh	SD	Hindi Regional	1175	FTA	0.0
288	289	First India Rajasthan	SD	Hindi Regional	1182	FTA	0.0
289	290	India News Rajasthan	SD	Hindi Regional	1183	FTA	0.0
290	291	Patrika TV Rajasthan	SD	Hindi Regional	1184	FTA	0.0
291	292	Jan TV	SD	Hindi Regional	1185	FTA	0.0
292	293	A1 TV	SD	Hindi Regional	1186	FTA	0.0
293	294	DD Rajasthan	SD	Hindi Regional	1190	FTA	0.0
296	297	Channel Win	SD	Hindi Regional	1193	FTA	0.0
297	298	Gulistan News	SD	Hindi Regional	1194	FTA	0.0
298	299	Tehzeeb TV	SD	Hindi Regional	1195	FTA	0.0
299	300	DD Urdu	SD	Hindi Regional	1199	FTA	0.0
308	309	Fakt Marathi	SD	Marathi Regional	1220	FTA	0.0
311	312	Shemaroo Marathi Bana	SD	Marathi Regional	1230	FTA	0.0
312	313	ABP Majha	SD	Marathi Regional	1255	FTA	0.0
315	316	Saam TV	SD	Marathi Regional	1261	FTA	0.0

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
316	317	Jai Maharashtra	SD	Marathi Regional	1262	FTA	0.0
317	318	TV9 Marathi	SD	Marathi Regional	1263	FTA	0.0
318	319	Lokshahi	SD	Marathi Regional	1265	FTA	0.0
319	320	DD Sahyadri	SD	Marathi Regional	1274	FTA	0.0
320	321	9X Jhakaas	SD	Marathi Regional	1276	FTA	0.0
321	322	Sangeet Marathi	SD	Marathi Regional	1277	FTA	0.0
330	331	Sun Bangla	SD	Bengali Regional	1317	FTA	0.0
331	332	Aakaash Aath	SD	Bengali Regional	1320	FTA	0.0
332	333	Ruposhi Bangla	SD	Bengali Regional	1321	FTA	0.0
333	334	Enterr10 Bangla	SD	Bengali Regional	1322	FTA	0.0
338	339	Khushboo Bangla	SD	Bengali Regional	1341	FTA	0.0
340	341	ABP Ananda	SD	Bengali Regional	1360	FTA	0.0
342	343	Kolkata TV	SD	Bengali Regional	1363	FTA	0.0
344	345	TV9 Bangla	SD	Bengali Regional	1366	FTA	0.0
345	346	Republic Bangla	SD	Bengali Regional	1367	FTA	0.0
346	347	News Time Bangla	SD	Bengali Regional	1368	FTA	0.0
347	348	CTVN AKD Plus	SD	Bengali Regional	1369	FTA	0.0
348	349	Calcutta News	SD	Bengali Regional	1370	FTA	0.0
349	350	DD Bangla	SD	Bengali Regional	1379	FTA	0.0
350	351	Sangeet Bangla	SD	Bengali Regional	1380	FTA	0.0
361	362	Telugu Naaptol	SD	Telugu Regional	1419	FTA	0.0
362	363	Vissa TV	SD	Telugu Regional	1422	FTA	0.0
363	364	Studio Yuva	SD	Telugu Regional	1423	FTA	0.0
376	377	Sakshi TV	SD	Telugu Regional	1456	FTA	0.0
378	379	TV5 News	SD	Telugu Regional	1458	FTA	0.0
379	380	TV9 Telugu	SD	Telugu Regional	1459	FTA	0.0
380	381	NTV Telugu	SD	Telugu Regional	1460	FTA	0.0
381	382	ABN Andhra Jyothy	SD	Telugu Regional	1461	FTA	0.0
382	383	T News	SD	Telugu Regional	1462	FTA	0.0
383	384	V6 News	SD	Telugu Regional	1463	FTA	0.0
385	386	HM TV	SD	Telugu Regional	1465	FTA	0.0
386	387	Raj News	SD	Telugu Regional	1466	FTA	0.0
387	388	10 TV	SD	Telugu Regional	1467	FTA	0.0

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
388	389	4TV News	SD	Telugu Regional	1470	FTA	0.0
389	390	Vidya	SD	Telugu Regional	1479	FTA	0.0
390	391	Nipuna	SD	Telugu Regional	1480	FTA	0.0
391	392	DD Saptagiri	SD	Telugu Regional	1481	FTA	0.0
392	393	DD Yadagiri	SD	Telugu Regional	1482	FTA	0.0
395	396	Raj Musix Telugu	SD	Telugu Regional	1487	FTA	0.0
396	397	Bhakti TV	SD	Telugu Regional	1490	FTA	0.0
397	398	Subhavaartha TV	SD	Telugu Regional	1491	FTA	0.0
398	399	Aradana TV	SD	Telugu Regional	1492	FTA	0.0
399	400	Swara Sagar	SD	Telugu Regional	1493	FTA	0.0
400	401	Hindu Dharmam	SD	Telugu Regional	1494	FTA	0.0
401	402	SVBC	SD	Telugu Regional	1499	FTA	0.0
413	414	Kalaignar TV	SD	Tamil Regional	1518	FTA	0.0
419	420	Tamil Naaptol	SD	Tamil Regional	1525	FTA	0.0
420	421	Vasanth TV	SD	Tamil Regional	1530	FTA	0.0
421	422	Sirippoli	SD	Tamil Regional	1531	FTA	0.0
422	423	Polimer TV	SD	Tamil Regional	1532	FTA	0.0
423	424	Makkal TV	SD	Tamil Regional	1533	FTA	0.0
424	425	Peppers TV	SD	Tamil Regional	1534	FTA	0.0
425	426	Moon TV	SD	Tamil Regional	1535	FTA	0.0
426	427	Vendhar TV	SD	Tamil Regional	1536	FTA	0.0
432	433	Music Zone	SD	Tamil Regional	1547	FTA	0.0
436	437	Kalvi TV	SD	Tamil Regional	1554	FTA	0.0
437	438	Puthiya Thalaimurai	SD	Tamil Regional	1556	FTA	0.0
438	439	Thanthi TV	SD	Tamil Regional	1557	FTA	0.0
439	440	Jaya Plus	SD	Tamil Regional	1558	Pay	0.0
440	441	Sun News	SD	Tamil Regional	1559	Pay	0.0
441	442	News 7 Tamil	SD	Tamil Regional	1560	FTA	0.0
442	443	Polimer News	SD	Tamil Regional	1561	FTA	0.0
443	444	News18 Tamil Nadu	SD	Tamil Regional	1562	Pay	0.0
444	445	Seithigal TV	SD	Tamil Regional	1563	FTA	0.0
445	446	Raj News Tamil	SD	Tamil Regional	1564	Pay	0.0
446	447	Sathiyam TV	SD	Tamil Regional	1565	FTA	0.0

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
447	448	Malaimurasu Seithigal	SD	Tamil Regional	1566	FTA	0.0
448	449	Captain News	SD	Tamil Regional	1567	FTA	0.0
449	450	News J	SD	Tamil Regional	1568	FTA	0.0
450	451	DD Podhgai	SD	Tamil Regional	1578	FTA	0.0
456	457	Isaiaruvi	SD	Tamil Regional	1584	FTA	0.0
457	458	Murasu TV	SD	Tamil Regional	1585	FTA	0.0
459	460	Jothi TV	SD	Tamil Regional	1587	FTA	0.0
460	461	Madha TV	SD	Tamil Regional	1590	FTA	0.0
461	462	Angel TV	SD	Tamil Regional	1591	FTA	0.0
462	463	Nambikkai TV	SD	Tamil Regional	1592	FTA	0.0
463	464	SVBC 2	SD	Tamil Regional	1599	FTA	0.0
473	474	Kannada Naaptol	SD	Kannada Regional	1617	FTA	0.0
474	475	Sirikannada All Time	SD	Kannada Regional	1618	FTA	0.0
480	481	Public Movies	SD	Kannada Regional	1639	FTA	0.0
482	483	Kasthuri	SD	Kannada Regional	1650	FTA	0.0
483	484	TV9 Kannada	SD	Kannada Regional	1653	FTA	0.0
484	485	Asianet Suvarna News	SD	Kannada Regional	1654	FTA	0.0
485	486	Public TV	SD	Kannada Regional	1655	FTA	0.0
486	487	News18 Kannada	SD	Kannada Regional	1656	Pay	0.0
487	488	TV5 Kannada	SD	Kannada Regional	1657	FTA	0.0
488	489	Raj News Kannada	SD	Kannada Regional	1658	FTA	0.0
489	490	Dighvijay 24x7 News	SD	Kannada Regional	1659	FTA	0.0
490	491	Power TV	SD	Kannada Regional	1660	FTA	0.0
491	492	News 1st	SD	Kannada Regional	1661	FTA	0.0
492	493	DD Chandana	SD	Kannada Regional	1672	FTA	0.0
493	494	Udaya Music	SD	Kannada Regional	1673	Pay	0.0
494	495	Raj Musix Kannada	SD	Kannada Regional	1674	FTA	0.0
495	496	Public Music	SD	Kannada Regional	1677	FTA	0.0
496	497	Sri Sankara TV	SD	Kannada Regional	1685	FTA	0.0
497	498	Ayush TV	SD	Kannada Regional	1686	FTA	0.0
500	501	TV9 Gujarati	SD	Gujarati Regional	1720	FTA	0.0
501	502	Gujarat Samachar TV	SD	Gujarati Regional	1721	FTA	0.0
502	503	Sandesh News	SD	Gujarati Regional	1722	FTA	0.0

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
503	504	CNBC Bazaar	SD	Gujarati Regional	1724	Pay	0.0
504	505	News18 Gujarati	SD	Gujarati Regional	1726	Pay	0.0
505	506	ABP Asmita	SD	Gujarati Regional	1728	FTA	0.0
506	507	VTV Gujarati	SD	Gujarati Regional	1729	FTA	0.0
507	508	Zee 24 Kalak	SD	Gujarati Regional	1731	Pay	0.0
508	509	India News Gujarat	SD	Gujarati Regional	1732	FTA	0.0
509	510	Mantavya News	SD	Gujarati Regional	1734	FTA	0.0
510	511	DD Girnar	SD	Gujarati Regional	1739	FTA	0.0
514	515	Manjari	SD	Odia Regional	1760	FTA	0.0
516	517	OTV	SD	Odia Regional	1771	FTA	0.0
518	519	Kanak News	SD	Odia Regional	1774	FTA	0.0
520	521	Kalinga TV	SD	Odia Regional	1777	FTA	0.0
521	522	Prameya News 7	SD	Odia Regional	1778	FTA	0.0
522	523	Nandighosha TV	SD	Odia Regional	1779	FTA	0.0
523	524	Argus News	SD	Odia Regional	1780	FTA	0.0
524	525	DD Odia	SD	Odia Regional	1785	FTA	0.0
535	536	Amrita TV	SD	Malayalam Regional	1817	FTA	0.0
536	537	Mazhavil Manorama HD	HD	Malayalam Regional	1818	FTA	0.0
537	538	Mazhavil Manorama	SD	Malayalam Regional	1819	FTA	0.0
538	539	Kairali TV	SD	Malayalam Regional	1820	FTA	0.0
539	540	We TV	SD	Malayalam Regional	1822	FTA	0.0
540	541	Naaptol Malayalam	SD	Malayalam Regional	1823	FTA	0.0
544	545	Safari TV	SD	Malayalam Regional	1838	FTA	0.0
545	546	Asianet News	SD	Malayalam Regional	1841	FTA	0.0
546	547	Kairali News	SD	Malayalam Regional	1842	FTA	0.0
547	548	Manorama News	SD	Malayalam Regional	1843	FTA	0.0
548	549	Mathrubhumi News	SD	Malayalam Regional	1844	FTA	0.0
549	550	News18 Kerala	SD	Malayalam Regional	1846	Pay	0.0
550	551	Jai Hind TV	SD	Malayalam Regional	1847	FTA	0.0
551	552	Jeevan TV	SD	Malayalam Regional	1848	FTA	0.0
552	553	Media One TV	SD	Malayalam Regional	1849	FTA	0.0
553	554	Janam TV	SD	Malayalam Regional	1850	FTA	0.0
554	555	Kaumudy	SD	Malayalam Regional	1851	FTA	0.0

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
555	556	Raj News Malayalam	SD	Malayalam Regional	1853	FTA	0.0
556	557	Twenty four	SD	Malayalam Regional	1854	FTA	0.0
557	558	KITE Victers	SD	Malayalam Regional	1873	FTA	0.0
558	559	DD Malayalam	SD	Malayalam Regional	1874	FTA	0.0
560	561	Raj Musix Malayalam	SD	Malayalam Regional	1877	FTA	0.0
561	562	Kappa TV	SD	Malayalam Regional	1878	FTA	0.0
562	563	Goodness	SD	Malayalam Regional	1885	FTA	0.0
563	564	God TV	SD	Malayalam Regional	1886	FTA	0.0
564	565	SHALOM TV	SD	Malayalam Regional	1887	FTA	0.0
565	566	Harvest TV 24x7	SD	Malayalam Regional	1888	FTA	0.0
567	568	PTC Punjabi	SD	Punjabi Regional	1906	FTA	0.0
568	569	MH One	SD	Punjabi Regional	1907	FTA	0.0
569	570	Pitaara TV	SD	Punjabi Regional	1911	FTA	0.0
570	571	PTC Punjabi Gold	SD	Punjabi Regional	1912	FTA	0.0
571	572	Zee Punjab Haryana Himachal Pradesh	SD	Punjabi Regional	1920	Pay	0.0
572	573	PTC News	SD	Punjabi Regional	1921	FTA	0.0
573	574	News18 Punjab Haryana Himachal	SD	Punjabi Regional	1922	Pay	0.0
574	575	India News Punjab	SD	Punjabi Regional	1923	FTA	0.0
575	576	India News Haryana	SD	Punjabi Regional	1924	FTA	0.0
576	577	Janta TV	SD	Punjabi Regional	1925	FTA	0.0
577	578	MH One News	SD	Punjabi Regional	1926	FTA	0.0
578	579	ANB News	SD	Punjabi Regional	1927	FTA	0.0
579	580	Living India News	SD	Punjabi Regional	1928	FTA	0.0
580	581	DD Punjabi	SD	Punjabi Regional	1935	FTA	0.0
581	582	PTC Chak De	SD	Punjabi Regional	1938	FTA	0.0
582	583	Tashan	SD	Punjabi Regional	1939	FTA	0.0
583	584	Balle Balle	SD	Punjabi Regional	1940	FTA	0.0
584	585	PTC Music	SD	Punjabi Regional	1941	FTA	0.0
585	586	Punjabi hits	SD	Punjabi Regional	1942	FTA	0.0
586	587	Chardikla Time TV	SD	Punjabi Regional	1945	FTA	0.0
587	588	PTC Simran	SD	Punjabi Regional	1946	FTA	0.0
588	589	Nepal 1	SD	Others	1951	FTA	0.0

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
589	590	Rang	SD	Others	1952	FTA	0.0
590	591	Rengoni TV	SD	Others	1953	FTA	0.0
591	592	Indradhanu	SD	Others	1961	FTA	0.0
592	593	DY 365	SD	Others	1970	FTA	0.0
593	594	News18 Assam North East	SD	Others	1971	Pay	0.0
594	595	News Live	SD	Others	1973	FTA	0.0
595	596	Protidin Time	SD	Others	1974	FTA	0.0
596	597	Prag News	SD	Others	1975	FTA	0.0
597	598	North East Live	SD	Others	1976	FTA	0.0
598	599	NKTV 24x7	SD	Others	1977	FTA	0.0
599	600	Hornbill TV	SD	Others	1978	FTA	0.0
600	601	DD Port Blair	SD	Others	1985	FTA	0.0
601	602	DD Arunprabha	SD	Others	1986	FTA	0.0
602	603	DD Manipur	SD	Others	1987	FTA	0.0
603	604	DD North East	SD	Others	1988	FTA	0.0
604	605	DD Kashir	SD	Others	1989	FTA	0.0
605	606	Ramdhenu	SD	Others	1990	FTA	0.0

SD channels

In [45]:

```
Sd_channel=TaSy_CH.groupby(by='HD/SD').get_group('SD')
Sd_channel
```

Out[45]:

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
0	1	DD National	SD	Hindi Entertainment	114	FTA	0.00
2	3	Star Plus	SD	Hindi Entertainment	117	Pay	22.42
4	5	Star Bharat	SD	Hindi Entertainment	122	Pay	11.80
6	7	SET	SD	Hindi Entertainment	130	Pay	22.42
8	9	Sony SAB	SD	Hindi Entertainment	134	Pay	22.42
10	11	&TV	SD	Hindi Entertainment	139	Pay	14.16
12	13	Zee TV	SD	Hindi Entertainment	143	Pay	22.42
14	15	Colors	SD	Hindi Entertainment	149	Pay	22.42
15	16	UTV Bindass	SD	Hindi Entertainment	153	Pay	1.18

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
16	17	Investigation Discovery	SD	Hindi Entertainment	155	Pay	1.18
17	18	Naaptol	SD	Shopping	156	FTA	0.00
18	19	Ezmall	SD	Others	158	FTA	0.00
19	20	Star Utsav	SD	Hindi Entertainment	171	Pay	1.18
20	21	Zee Anmol	SD	Hindi Entertainment	172	Pay	0.12
21	22	Colors Rishtey	SD	Hindi Entertainment	173	Pay	1.18
22	23	Sony Pal	SD	Hindi Entertainment	174	Pay	1.18
23	24	The Q	SD	Hindi Entertainment	175	FTA	0.00
24	25	Big Magic	SD	Hindi Entertainment	176	Pay	0.12
25	26	Dangal	SD	Hindi Entertainment	177	FTA	0.00
26	27	Anjan TV	SD	Hindi Entertainment	178	FTA	0.00
27	28	DD Retro	SD	Hindi Entertainment	180	FTA	0.00
28	29	Shemaroo TV	SD	Hindi Entertainment	181	FTA	0.00
29	30	Ishara	SD	Hindi Entertainment	182	Pay	5.90
30	31	Azaad	SD	Hindi Entertainment	183	FTA	0.00
31	32	DD Kisan	SD	Hindi Entertainment	198	FTA	0.00
33	34	Star World	SD	English Entertainment	203	Pay	9.44
36	37	Zee Caf?	SD	English Entertainment	211	Pay	17.70
38	39	Colors Infinity	SD	English Entertainment	215	Pay	5.90
40	41	Comedy Central	SD	English Entertainment	219	Pay	5.90
43	44	Star Gold	SD	Hindi Movies	310	Pay	9.44
45	46	Sony Max	SD	Hindi Movies	314	Pay	17.70
46	47	Star Gold 2	SD	Hindi Movies	317	Pay	1.18
48	49	Zee Cinema	SD	Hindi Movies	321	Pay	17.70
50	51	UTV Movies	SD	Hindi Movies	323	Pay	2.36
51	52	UTV Action	SD	Hindi Movies	325	Pay	2.36
52	53	Zee Bollywood	SD	Hindi Movies	327	Pay	2.36
53	54	Zee Classic	SD	Hindi Movies	328	Pay	0.59
55	56	&pictures	SD	Hindi Movies	332	Pay	7.08
57	58	Colors Cineplex	SD	Hindi Movies	345	Pay	3.54
58	59	B4U Kadak	SD	Hindi Movies	346	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
59	60	Zee Action	SD	Hindi Movies	349	Pay	1.18
60	61	Sony Wah	SD	Hindi Movies	351	Pay	1.18
61	62	B4U Movies	SD	Hindi Movies	352	FTA	0.00
62	63	Sony Max 2	SD	Hindi Movies	355	Pay	1.18
64	65	Star Gold Select	SD	Hindi Movies	357	Pay	8.26
65	66	Cinema TV India	SD	Hindi Movies	358	FTA	0.00
66	67	Wow Cinema One	SD	Hindi Movies	365	FTA	0.00
67	68	Enterr10 Movies	SD	Hindi Movies	366	FTA	0.00
68	69	Bflix Movies	SD	Hindi Movies	367	FTA	0.00
69	70	Star Utsav Movies	SD	Hindi Movies	369	Pay	1.18
70	71	Zee Anmol Cinema	SD	Hindi Movies	371	Pay	0.12
71	72	Dhinchaak	SD	Hindi Movies	375	FTA	0.00
72	73	Manoranjan TV	SD	Hindi Movies	376	FTA	0.00
74	75	Star Movies	SD	English Movies	403	Pay	14.16
76	77	Sony Pix	SD	English Movies	407	Pay	11.80
78	79	&flix	SD	English Movies	413	Pay	17.70
81	82	Movies Now	SD	English Movies	421	Pay	11.80
84	85	MNX	SD	English Movies	426	Pay	7.08
85	86	Romedy Now	SD	English Movies	429	Pay	7.08
87	88	DD Sports	SD	Sports	453	FTA	0.00
89	90	Star Sports 1	SD	Sports	455	Pay	22.42
91	92	Star Sports 2	SD	Sports	457	Pay	7.08
92	93	Star Sports 3	SD	Sports	458	Pay	4.72
94	95	Star Sports 1 Hindi	SD	Sports	460	Pay	22.42
96	97	Star Sports Select 1	SD	Sports	464	Pay	22.42
98	99	Star Sports Select 2	SD	Sports	466	Pay	8.26
100	101	Sony Ten 1	SD	Sports	471	Pay	22.42
102	103	Sony Ten 2	SD	Sports	474	Pay	17.70
104	105	Sony Ten 3	SD	Sports	476	Pay	20.06
106	107	Sony Six	SD	Sports	484	Pay	17.70
108	109	Eurosport	SD	Sports	496	Pay	4.72
109	110	Star Sports First	SD	Sports	497	Pay	1.18
110	111	1Sports	SD	Sports	498	Pay	4.72

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
112	113	DD News	SD	Hindi News	502	FTA	0.00
113	114	ABP News	SD	Hindi News	504	FTA	0.00
114	115	NDTV India	SD	Hindi News	506	Pay	1.18
116	117	Aaj Tak	SD	Hindi News	509	Pay	0.89
117	118	Zee News	SD	Hindi News	511	Pay	0.12
118	119	India TV	SD	Hindi News	514	FTA	0.00
119	120	News 24	SD	Hindi News	516	FTA	0.00
120	121	News18 India	SD	Hindi News	519	Pay	0.12
121	122	Zee Hindustan	SD	Hindi News	520	Pay	0.12
122	123	R Bharat	SD	Hindi News	521	FTA	0.00
123	124	India News	SD	Hindi News	522	FTA	0.00
124	125	News Nation	SD	Hindi News	523	FTA	0.00
125	126	TV9 Bharatvarsh	SD	Hindi News	524	FTA	0.00
126	127	Good News Today	SD	Hindi News	525	Pay	0.30
127	128	Total TV	SD	Hindi News	527	FTA	0.00
129	130	Sudarshan News	SD	Hindi News	534	FTA	0.00
130	131	APN News	SD	Hindi News	542	FTA	0.00
131	132	India Voice	SD	Hindi News	551	FTA	0.00
132	133	News 11 Bharat	SD	Hindi News	552	FTA	0.00
133	134	News 1 India	SD	Hindi News	553	FTA	0.00
134	135	Hindi Khabar	SD	Hindi News	557	FTA	0.00
135	136	Bharat Samachar	SD	Hindi News	559	FTA	0.00
136	137	News India 24x7	SD	Hindi News	562	FTA	0.00
137	138	Khabrain Abhi Tak	SD	Hindi News	563	FTA	0.00
138	139	Samay	SD	Hindi News	566	FTA	0.00
139	140	Network 10	SD	Hindi News	567	FTA	0.00
140	141	Jantantra TV	SD	Hindi News	568	FTA	0.00
141	142	Prime News	SD	Hindi News	569	FTA	0.00
142	143	Zee Business	SD	Hindi News	590	Pay	0.12
143	144	CNBC Awaaz	SD	Hindi News	592	Pay	1.18
144	145	Lok Sabha TV	SD	Hindi News	598	FTA	0.00
145	146	Rajya Sabha TV	SD	Hindi News	599	FTA	0.00
146	147	NDTV 24x7	SD	English News	601	Pay	3.54

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
148	149	Times Now	SD	English News	604	Pay	3.54
149	150	India Today	SD	English News	606	Pay	1.18
150	151	CNN News18	SD	English News	608	Pay	0.59
151	152	NewsX	SD	English News	610	FTA	0.00
152	153	Mirror Now	SD	English News	612	Pay	0.59
153	154	WION	SD	English News	613	Pay	1.18
154	155	Republic TV	SD	English News	616	FTA	0.00
155	156	India Ahead	SD	English News	617	FTA	0.00
156	157	DD India	SD	English News	622	FTA	0.00
157	158	NDTV Profit Prime	SD	English News	623	Pay	1.18
159	160	CNBC TV18	SD	English News	626	Pay	4.72
160	161	ET Now	SD	English News	627	Pay	3.54
161	162	CNN	SD	English News	631	Pay	0.59
162	163	BBC World	SD	English News	633	Pay	1.18
163	164	Al Jazeera	SD	English News	637	FTA	0.00
164	165	Channel News Asia	SD	English News	638	FTA	0.00
165	166	France 24	SD	English News	639	FTA	0.00
166	167	TV5 Monde Asie	SD	English News	640	FTA	0.00
167	168	DW	SD	English News	641	FTA	0.00
168	169	Australia TV	SD	English News	642	FTA	0.00
169	170	Russia Today	SD	English News	643	FTA	0.00
170	171	Hungama TV	SD	Kids	652	Pay	7.08
171	172	Marvel HQ	SD	Kids	655	Pay	4.72
172	173	Disney	SD	Kids	658	Pay	9.44
174	175	Nick	SD	Kids	663	Pay	7.08
176	177	Cartoon Network	SD	Kids	667	Pay	5.02
177	178	Pogo	SD	Kids	670	Pay	5.02
178	179	Discovery Kids	SD	Kids	672	Pay	3.54
179	180	Sonic Nickelodeon	SD	Kids	674	Pay	2.36
180	181	Sony Yay	SD	Kids	676	Pay	2.36
181	182	Gubbare	SD	Kids	678	Pay	0.77
182	183	ETV Bal Bharat	SD	Kids	680	Pay	4.72
184	185	Nick Jr	SD	Kids	685	Pay	1.18

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
185	186	Disney Junior	SD	Kids	686	Pay	4.72
186	187	CBeeBies	SD	Kids	687	Pay	5.90
187	188	Kushi TV	SD	Kids	692	Pay	4.72
188	189	Chutti TV	SD	Kids	693	Pay	7.08
189	190	Chintu TV	SD	Kids	694	Pay	7.08
190	191	Kochu TV	SD	Kids	695	Pay	5.90
192	193	National Geographic	SD	Knowledge & Lifestyle	709	Pay	2.36
194	195	Nat Geo Wild	SD	Knowledge & Lifestyle	712	Pay	1.18
196	197	Discovery Channel	SD	Knowledge & Lifestyle	714	Pay	4.72
198	199	Animal Planet	SD	Knowledge & Lifestyle	717	Pay	2.36
199	200	Discovery Science	SD	Knowledge & Lifestyle	719	Pay	1.18
201	202	History TV18	SD	Knowledge & Lifestyle	721	Pay	3.54
203	204	Sony BBC Earth	SD	Knowledge & Lifestyle	725	Pay	4.72
204	205	Epic	SD	Knowledge & Lifestyle	735	Pay	2.36
206	207	Fox Life	SD	Knowledge & Lifestyle	754	Pay	1.18
207	208	DD Gyan Darshan	SD	Knowledge & Lifestyle	755	FTA	0.00
208	209	Swayam Prabha	SD	Knowledge & Lifestyle	756	FTA	0.00
210	211	TLC	SD	Knowledge & Lifestyle	760	Pay	2.36
211	212	Good Times	SD	Knowledge & Lifestyle	762	Pay	1.77
212	213	Discovery Turbo	SD	Knowledge & Lifestyle	764	Pay	1.18
214	215	TravelXP	SD	Knowledge & Lifestyle	766	Pay	3.54
215	216	Food Food	SD	Knowledge & Lifestyle	768	FTA	0.00
217	218	Zee Zest	SD	Knowledge & Lifestyle	770	Pay	1.18

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
218	219	Fashion TV	SD	Knowledge & Lifestyle	772	FTA	0.00
220	221	MTV	SD	Music	807	Pay	3.54
221	222	9XM	SD	Music	809	FTA	0.00
222	223	Zoom	SD	Music	811	Pay	0.59
223	224	E24	SD	Music	813	FTA	0.00
225	226	MTV Beats	SD	Music	821	Pay	0.12
226	227	B4U Music	SD	Music	822	FTA	0.00
227	228	Mastiii	SD	Music	825	FTA	0.00
228	229	Zing	SD	Music	826	Pay	0.12
229	230	9X Jalwa	SD	Music	830	FTA	0.00
230	231	insync	SD	Music	833	FTA	0.00
231	232	Showbox	SD	Music	835	FTA	0.00
233	234	Vh1	SD	Music	856	Pay	1.18
234	235	Aastha	SD	Spiritual	1055	FTA	0.00
235	236	Sanskar	SD	Spiritual	1057	FTA	0.00
236	237	Disha TV	SD	Spiritual	1058	FTA	0.00
237	238	Paras TV	SD	Spiritual	1059	FTA	0.00
238	239	MH One Shraddha	SD	Spiritual	1061	FTA	0.00
239	240	Sadhna TV	SD	Spiritual	1063	FTA	0.00
240	241	Sharnam TV	SD	Spiritual	1064	FTA	0.00
241	242	Peace of Mind	SD	Spiritual	1065	FTA	0.00
242	243	Jinvani Channel	SD	Spiritual	1066	FTA	0.00
243	244	Arihant	SD	Spiritual	1067	FTA	0.00
244	245	Ishwar TV	SD	Spiritual	1068	FTA	0.00
245	246	Satsang TV	SD	Spiritual	1073	FTA	0.00
246	247	Shubh TV	SD	Spiritual	1074	FTA	0.00
247	248	Aastha Bhajan	SD	Spiritual	1077	FTA	0.00
248	249	Vedic	SD	Spiritual	1078	FTA	0.00
249	250	Subharti TV	SD	Spiritual	1082	FTA	0.00
250	251	Divya	SD	Spiritual	1083	FTA	0.00
251	252	Awakening	SD	Spiritual	1084	FTA	0.00
252	253	Santwani	SD	Spiritual	1085	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
253	254	Big Ganga	SD	Hindi Regional	1102	Pay	0.59
254	255	Dishum	SD	Hindi Regional	1103	FTA	0.00
255	256	Enterr10 Rangeela	SD	Hindi Regional	1104	FTA	0.00
256	257	Zee Biskepe	SD	Hindi Regional	1113	Pay	0.12
257	258	Filamchi Bhojpuri	SD	Hindi Regional	1114	Pay	0.30
258	259	Oscar Movies Bhojpuri	SD	Hindi Regional	1118	FTA	0.00
259	260	Bhojpuri Cinema	SD	Hindi Regional	1119	FTA	0.00
260	261	B4U Bhojpuri	SD	Hindi Regional	1120	FTA	0.00
261	262	Mango TV	SD	Hindi Regional	1122	FTA	0.00
262	263	News18 Uttar Pradesh Uttarakhand	SD	Hindi Regional	1125	Pay	0.12
263	264	Zee Uttar Pradesh Uttarakhand	SD	Hindi Regional	1126	Pay	0.12
264	265	ABP Ganga	SD	Hindi Regional	1127	FTA	0.00
265	266	News18 Bihar Jharkhand	SD	Hindi Regional	1129	Pay	0.12
266	267	Zee Bihar Jharkhand	SD	Hindi Regional	1130	Pay	0.12
267	268	India News UP UK	SD	Hindi Regional	1136	FTA	0.00
268	269	News State UP Uttarakhand	SD	Hindi Regional	1137	FTA	0.00
269	270	Sadhna Plus News	SD	Hindi Regional	1138	FTA	0.00
270	271	Kashish News	SD	Hindi Regional	1139	FTA	0.00
271	272	DD Bharati	SD	Hindi Regional	1152	FTA	0.00
272	273	DD Uttar Pradesh	SD	Hindi Regional	1153	FTA	0.00
273	274	DD Bihar	SD	Hindi Regional	1154	FTA	0.00
274	275	News18 Madhya Pradesh Chhattisgarh	SD	Hindi Regional	1155	Pay	0.12
275	276	Zee Madhya Pradesh Chattisgarh	SD	Hindi Regional	1156	Pay	0.12
276	277	IBC 24	SD	Hindi Regional	1161	FTA	0.00
277	278	Bansal News	SD	Hindi Regional	1162	FTA	0.00
278	279	INH 24X7	SD	Hindi Regional	1163	FTA	0.00
279	280	India News MP CG	SD	Hindi Regional	1164	FTA	0.00
280	281	News State MP CG	SD	Hindi Regional	1165	FTA	0.00
281	282	Swaraj Express SMBC	SD	Hindi Regional	1166	FTA	0.00
282	283	Sadhna News MP CG	SD	Hindi Regional	1168	FTA	0.00
283	284	News 24 MP CG	SD	Hindi Regional	1169	FTA	0.00
284	285	Anaadi TV	SD	Hindi Regional	1170	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
285	286	DD Madhya Pradesh	SD	Hindi Regional	1175	FTA	0.00
286	287	News18 Rajasthan	SD	Hindi Regional	1176	Pay	0.12
287	288	Zee Rajasthan News	SD	Hindi Regional	1177	Pay	0.12
288	289	First India Rajasthan	SD	Hindi Regional	1182	FTA	0.00
289	290	India News Rajasthan	SD	Hindi Regional	1183	FTA	0.00
290	291	Patrika TV Rajasthan	SD	Hindi Regional	1184	FTA	0.00
291	292	Jan TV	SD	Hindi Regional	1185	FTA	0.00
292	293	A1 TV	SD	Hindi Regional	1186	FTA	0.00
293	294	DD Rajasthan	SD	Hindi Regional	1190	FTA	0.00
294	295	News18 Urdu	SD	Hindi Regional	1191	Pay	0.12
295	296	Zee Salaam	SD	Hindi Regional	1192	Pay	0.12
296	297	Channel Win	SD	Hindi Regional	1193	FTA	0.00
297	298	Gulistan News	SD	Hindi Regional	1194	FTA	0.00
298	299	Tehzeeb TV	SD	Hindi Regional	1195	FTA	0.00
299	300	DD Urdu	SD	Hindi Regional	1199	FTA	0.00
301	302	Colors Marathi	SD	Marathi Regional	1202	Pay	11.80
303	304	Zee Marathi	SD	Marathi Regional	1204	Pay	22.42
305	306	Star Pravah	SD	Marathi Regional	1208	Pay	10.62
306	307	Zee Yuva	SD	Marathi Regional	1211	Pay	1.18
307	308	Sony Marathi	SD	Marathi Regional	1213	Pay	4.72
308	309	Fakt Marathi	SD	Marathi Regional	1220	FTA	0.00
310	311	Zee Talkies	SD	Marathi Regional	1226	Pay	2.36
311	312	Shemaroo Marathi Bana	SD	Marathi Regional	1230	FTA	0.00
312	313	ABP Majha	SD	Marathi Regional	1255	FTA	0.00
313	314	News18 Lokmat	SD	Marathi Regional	1257	Pay	0.12
314	315	Zee 24 Taas	SD	Marathi Regional	1259	Pay	0.12
315	316	Saam TV	SD	Marathi Regional	1261	FTA	0.00
316	317	Jai Maharashtra	SD	Marathi Regional	1262	FTA	0.00
317	318	TV9 Marathi	SD	Marathi Regional	1263	FTA	0.00
318	319	Lokshahi	SD	Marathi Regional	1265	FTA	0.00
319	320	DD Sahyadri	SD	Marathi Regional	1274	FTA	0.00
320	321	9X Jhakaas	SD	Marathi Regional	1276	FTA	0.00
321	322	Sangeet Marathi	SD	Marathi Regional	1277	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
322	323	Zee Vajwa	SD	Marathi Regional	1278	Pay	0.12
324	325	Colors Bangla	SD	Bengali Regional	1303	Pay	8.26
326	327	Zee Bangla	SD	Bengali Regional	1307	Pay	22.42
328	329	Star Jalsha	SD	Bengali Regional	1310	Pay	22.42
329	330	Sony Aath	SD	Bengali Regional	1312	Pay	4.72
330	331	Sun Bangla	SD	Bengali Regional	1317	FTA	0.00
331	332	Aakaash Aath	SD	Bengali Regional	1320	FTA	0.00
332	333	Ruposhi Bangla	SD	Bengali Regional	1321	FTA	0.00
333	334	Enterr10 Bangla	SD	Bengali Regional	1322	FTA	0.00
335	336	Jalsha Movies	SD	Bengali Regional	1327	Pay	7.08
336	337	Zee Bangla Cinema	SD	Bengali Regional	1329	Pay	2.36
337	338	Colors Bangla Cinema	SD	Bengali Regional	1331	Pay	1.18
338	339	Khushboo Bangla	SD	Bengali Regional	1341	FTA	0.00
339	340	Star Sports 1 Bangla	SD	Bengali Regional	1350	Pay	22.42
340	341	ABP Ananda	SD	Bengali Regional	1360	FTA	0.00
341	342	Zee 24 Ghanta	SD	Bengali Regional	1362	Pay	0.12
342	343	Kolkata TV	SD	Bengali Regional	1363	FTA	0.00
343	344	News18 Bangla	SD	Bengali Regional	1365	Pay	0.12
344	345	TV9 Bangla	SD	Bengali Regional	1366	FTA	0.00
345	346	Republic Bangla	SD	Bengali Regional	1367	FTA	0.00
346	347	News Time Bangla	SD	Bengali Regional	1368	FTA	0.00
347	348	CTVN AKD Plus	SD	Bengali Regional	1369	FTA	0.00
348	349	Calcutta News	SD	Bengali Regional	1370	FTA	0.00
349	350	DD Bangla	SD	Bengali Regional	1379	FTA	0.00
350	351	Sangeet Bangla	SD	Bengali Regional	1380	FTA	0.00
352	353	Zee Telugu	SD	Telugu Regional	1404	Pay	22.42
354	355	Gemini TV	SD	Telugu Regional	1406	Pay	22.42
356	357	Star Maa	SD	Telugu Regional	1409	Pay	22.42
358	359	ETV Telugu	SD	Telugu Regional	1412	Pay	20.06
359	360	Gemini Life	SD	Telugu Regional	1415	Pay	5.90
360	361	ETV Plus	SD	Telugu Regional	1417	Pay	8.26
361	362	Telugu Naaptol	SD	Telugu Regional	1419	FTA	0.00
362	363	Vissa TV	SD	Telugu Regional	1422	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
363	364	Studio Yuva	SD	Telugu Regional	1423	FTA	0.00
365	366	Gemini Movies	SD	Telugu Regional	1431	Pay	20.06
367	368	Star Maa Movies	SD	Telugu Regional	1433	Pay	11.80
368	369	Star Maa Gold	SD	Telugu Regional	1435	Pay	2.36
370	371	Zee Cinemalu	SD	Telugu Regional	1438	Pay	11.80
371	372	ETV Cinema	SD	Telugu Regional	1440	Pay	7.08
372	373	Gemini Comedy	SD	Telugu Regional	1442	Pay	5.90
373	374	Star Sports 1 Telugu	SD	Telugu Regional	1446	Pay	22.42
374	375	ETV Life	SD	Telugu Regional	1451	Pay	1.18
375	376	ETV Abhiruchi	SD	Telugu Regional	1453	Pay	2.36
376	377	Sakshi TV	SD	Telugu Regional	1456	FTA	0.00
377	378	ETV Andhra Pradesh	SD	Telugu Regional	1457	Pay	1.18
378	379	TV5 News	SD	Telugu Regional	1458	FTA	0.00
379	380	TV9 Telugu	SD	Telugu Regional	1459	FTA	0.00
380	381	NTV Telugu	SD	Telugu Regional	1460	FTA	0.00
381	382	ABN Andhra Jyothy	SD	Telugu Regional	1461	FTA	0.00
382	383	T News	SD	Telugu Regional	1462	FTA	0.00
383	384	V6 News	SD	Telugu Regional	1463	FTA	0.00
384	385	ETV Telangana	SD	Telugu Regional	1464	Pay	1.18
385	386	HM TV	SD	Telugu Regional	1465	FTA	0.00
386	387	Raj News	SD	Telugu Regional	1466	FTA	0.00
387	388	10 TV	SD	Telugu Regional	1467	FTA	0.00
388	389	4TV News	SD	Telugu Regional	1470	FTA	0.00
389	390	Vidya	SD	Telugu Regional	1479	FTA	0.00
390	391	Nipuna	SD	Telugu Regional	1480	FTA	0.00
391	392	DD Saptagiri	SD	Telugu Regional	1481	FTA	0.00
392	393	DD Yadagiri	SD	Telugu Regional	1482	FTA	0.00
393	394	Gemini Music	SD	Telugu Regional	1484	Pay	4.72
394	395	Star Maa Music	SD	Telugu Regional	1486	Pay	1.18
395	396	Raj Musix Telugu	SD	Telugu Regional	1487	FTA	0.00
396	397	Bhakti TV	SD	Telugu Regional	1490	FTA	0.00
397	398	Subhavaartha TV	SD	Telugu Regional	1491	FTA	0.00
398	399	Aradana TV	SD	Telugu Regional	1492	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
399	400	Swara Sagar	SD	Telugu Regional	1493	FTA	0.00
400	401	Hindu Dharmam	SD	Telugu Regional	1494	FTA	0.00
401	402	SVBC	SD	Telugu Regional	1499	FTA	0.00
403	404	Sun TV	SD	Tamil Regional	1504	Pay	22.42
404	405	Sun Life	SD	Tamil Regional	1506	Pay	10.62
406	407	Star Vijay	SD	Tamil Regional	1508	Pay	20.06
408	409	Zee Tamil	SD	Tamil Regional	1511	Pay	14.16
409	410	Vijay Super	SD	Tamil Regional	1513	Pay	2.36
411	412	Colors Tamil	SD	Tamil Regional	1515	Pay	3.54
413	414	Kalaignar TV	SD	Tamil Regional	1518	FTA	0.00
414	415	Raj TV	SD	Tamil Regional	1520	Pay	3.54
415	416	D Tamil	SD	Tamil Regional	1521	Pay	4.72
416	417	Raj Digital Plus	SD	Tamil Regional	1522	Pay	1.77
417	418	Mega TV	SD	Tamil Regional	1523	Pay	3.54
418	419	Mega 24	SD	Tamil Regional	1524	Pay	1.18
419	420	Tamil Naaptol	SD	Tamil Regional	1525	FTA	0.00
420	421	Vasanth TV	SD	Tamil Regional	1530	FTA	0.00
421	422	Sirippoli	SD	Tamil Regional	1531	FTA	0.00
422	423	Polimer TV	SD	Tamil Regional	1532	FTA	0.00
423	424	Makkal TV	SD	Tamil Regional	1533	FTA	0.00
424	425	Peppers TV	SD	Tamil Regional	1534	FTA	0.00
425	426	Moon TV	SD	Tamil Regional	1535	FTA	0.00
426	427	Vendhar TV	SD	Tamil Regional	1536	FTA	0.00
428	429	KTV	SD	Tamil Regional	1541	Pay	22.42
429	430	Adithya TV	SD	Tamil Regional	1543	Pay	10.62
430	431	J Movies	SD	Tamil Regional	1544	Pay	2.66
431	432	Zee Thirai	SD	Tamil Regional	1546	Pay	5.90
432	433	Music Zone	SD	Tamil Regional	1547	FTA	0.00
433	434	Star Sports 1 Tamil	SD	Tamil Regional	1551	Pay	20.06
434	435	Sony Ten 4	SD	Tamil Regional	1552	Pay	20.06
435	436	TravelXP Tamil	SD	Tamil Regional	1553	Pay	1.77
436	437	Kalvi TV	SD	Tamil Regional	1554	FTA	0.00
437	438	Puthiya Thalaimurai	SD	Tamil Regional	1556	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
438	439	Thanthi TV	SD	Tamil Regional	1557	FTA	0.00
439	440	Jaya Plus	SD	Tamil Regional	1558	Pay	0.00
440	441	Sun News	SD	Tamil Regional	1559	Pay	0.00
441	442	News 7 Tamil	SD	Tamil Regional	1560	FTA	0.00
442	443	Polimer News	SD	Tamil Regional	1561	FTA	0.00
443	444	News18 Tamil Nadu	SD	Tamil Regional	1562	Pay	0.00
444	445	Seithigal TV	SD	Tamil Regional	1563	FTA	0.00
445	446	Raj News Tamil	SD	Tamil Regional	1564	Pay	0.00
446	447	Sathiyam TV	SD	Tamil Regional	1565	FTA	0.00
447	448	Malaimurasu Seithigal	SD	Tamil Regional	1566	FTA	0.00
448	449	Captain News	SD	Tamil Regional	1567	FTA	0.00
449	450	News J	SD	Tamil Regional	1568	FTA	0.00
450	451	DD Podhigai	SD	Tamil Regional	1578	FTA	0.00
452	453	Sun Music	SD	Tamil Regional	1580	Pay	7.08
453	454	Jaya Max	SD	Tamil Regional	1581	Pay	2.66
454	455	Raj Musix	SD	Tamil Regional	1582	Pay	1.18
455	456	Vijay Music	SD	Tamil Regional	1583	Pay	1.18
456	457	Isaiaruvi	SD	Tamil Regional	1584	FTA	0.00
457	458	Murasu TV	SD	Tamil Regional	1585	FTA	0.00
458	459	Mega Musiq	SD	Tamil Regional	1586	Pay	2.36
459	460	Jothi TV	SD	Tamil Regional	1587	FTA	0.00
460	461	Madha TV	SD	Tamil Regional	1590	FTA	0.00
461	462	Angel TV	SD	Tamil Regional	1591	FTA	0.00
462	463	Nambikkai TV	SD	Tamil Regional	1592	FTA	0.00
463	464	SVBC 2	SD	Tamil Regional	1599	FTA	0.00
465	466	Udaya TV	SD	Kannada Regional	1604	Pay	20.06
467	468	Colors Kannada	SD	Kannada Regional	1606	Pay	22.42
469	470	Star Suvarna	SD	Kannada Regional	1610	Pay	22.42
471	472	Zee Kannada	SD	Kannada Regional	1612	Pay	22.42
472	473	Colors Super	SD	Kannada Regional	1615	Pay	3.54
473	474	Kannada Naaptol	SD	Kannada Regional	1617	FTA	0.00
474	475	Sirikannada All Time	SD	Kannada Regional	1618	FTA	0.00
475	476	Udaya Movies	SD	Kannada Regional	1626	Pay	18.88

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
476	477	Udaya Comedy	SD	Kannada Regional	1628	Pay	7.08
477	478	Star Suvarna Plus	SD	Kannada Regional	1630	Pay	5.90
478	479	Colors Kannada Cinema	SD	Kannada Regional	1632	Pay	2.36
479	480	Zee Picchar	SD	Kannada Regional	1634	Pay	3.54
480	481	Public Movies	SD	Kannada Regional	1639	FTA	0.00
481	482	Star Sports 1 Kannada	SD	Kannada Regional	1645	Pay	22.42
482	483	Kasthuri	SD	Kannada Regional	1650	FTA	0.00
483	484	TV9 Kannada	SD	Kannada Regional	1653	FTA	0.00
484	485	Asianet Suvarna News	SD	Kannada Regional	1654	FTA	0.00
485	486	Public TV	SD	Kannada Regional	1655	FTA	0.00
486	487	News18 Kannada	SD	Kannada Regional	1656	Pay	0.00
487	488	TV5 Kannada	SD	Kannada Regional	1657	FTA	0.00
488	489	Raj News Kannada	SD	Kannada Regional	1658	FTA	0.00
489	490	Dighvijay 24x7 News	SD	Kannada Regional	1659	FTA	0.00
490	491	Power TV	SD	Kannada Regional	1660	FTA	0.00
491	492	News 1st	SD	Kannada Regional	1661	FTA	0.00
492	493	DD Chandana	SD	Kannada Regional	1672	FTA	0.00
493	494	Udaya Music	SD	Kannada Regional	1673	Pay	0.00
494	495	Raj Musix Kannada	SD	Kannada Regional	1674	FTA	0.00
495	496	Public Music	SD	Kannada Regional	1677	FTA	0.00
496	497	Sri Sankara TV	SD	Kannada Regional	1685	FTA	0.00
497	498	Ayush TV	SD	Kannada Regional	1686	FTA	0.00
498	499	Colors Gujarati	SD	Gujarati Regional	1702	Pay	5.90
499	500	Colors Gujarati Cinema	SD	Gujarati Regional	1711	Pay	1.18
500	501	TV9 Gujarati	SD	Gujarati Regional	1720	FTA	0.00
501	502	Gujarat Samachar TV	SD	Gujarati Regional	1721	FTA	0.00
502	503	Sandesh News	SD	Gujarati Regional	1722	FTA	0.00
503	504	CNBC Bazaar	SD	Gujarati Regional	1724	Pay	0.00
504	505	News18 Gujarati	SD	Gujarati Regional	1726	Pay	0.00
505	506	ABP Asmita	SD	Gujarati Regional	1728	FTA	0.00
506	507	VTV Gujarati	SD	Gujarati Regional	1729	FTA	0.00
507	508	Zee 24 Kalak	SD	Gujarati Regional	1731	Pay	0.00
508	509	India News Gujarat	SD	Gujarati Regional	1732	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
509	510	Mantavya News	SD	Gujarati Regional	1734	FTA	0.00
510	511	DD Girnar	SD	Gujarati Regional	1739	FTA	0.00
511	512	Colors Oriya	SD	Odia Regional	1752	Pay	7.08
512	513	Tarang TV	SD	Odia Regional	1754	Pay	11.80
513	514	Zee Sarthak	SD	Odia Regional	1756	Pay	22.42
514	515	Manjari	SD	Odia Regional	1760	FTA	0.00
515	516	Alankar	SD	Odia Regional	1763	Pay	4.72
516	517	OTV	SD	Odia Regional	1771	FTA	0.00
517	518	Zee Odisha	SD	Odia Regional	1773	Pay	0.12
518	519	Kanak News	SD	Odia Regional	1774	FTA	0.00
519	520	News18 Odia	SD	Odia Regional	1776	Pay	0.12
520	521	Kalinga TV	SD	Odia Regional	1777	FTA	0.00
521	522	Prameya News 7	SD	Odia Regional	1778	FTA	0.00
522	523	Nandighosha TV	SD	Odia Regional	1779	FTA	0.00
523	524	Argus News	SD	Odia Regional	1780	FTA	0.00
524	525	DD Odia	SD	Odia Regional	1785	FTA	0.00
525	526	Tarang Music	SD	Odia Regional	1786	Pay	2.36
526	527	Prarthana TV	SD	Odia Regional	1795	Pay	2.36
528	529	Surya TV	SD	Malayalam Regional	1803	Pay	14.16
530	531	Asianet	SD	Malayalam Regional	1807	Pay	22.42
531	532	Asianet Plus	SD	Malayalam Regional	1809	Pay	5.90
533	534	Zee Keralam	SD	Malayalam Regional	1812	Pay	0.12
534	535	Flowers	SD	Malayalam Regional	1814	Pay	11.80
535	536	Amrita TV	SD	Malayalam Regional	1817	FTA	0.00
537	538	Mazhavil Manorama	SD	Malayalam Regional	1819	FTA	0.00
538	539	Kairali TV	SD	Malayalam Regional	1820	FTA	0.00
539	540	We TV	SD	Malayalam Regional	1822	FTA	0.00
540	541	Naaptol Malayalam	SD	Malayalam Regional	1823	FTA	0.00
541	542	Surya Movies	SD	Malayalam Regional	1826	Pay	12.98
542	543	Asianet Movies	SD	Malayalam Regional	1828	Pay	17.70
543	544	Surya Comedy	SD	Malayalam Regional	1830	Pay	4.72
544	545	Safari TV	SD	Malayalam Regional	1838	FTA	0.00
545	546	Asianet News	SD	Malayalam Regional	1841	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
546	547	Kairali News	SD	Malayalam Regional	1842	FTA	0.00
547	548	Manorama News	SD	Malayalam Regional	1843	FTA	0.00
548	549	Mathrubhumi News	SD	Malayalam Regional	1844	FTA	0.00
549	550	News18 Kerala	SD	Malayalam Regional	1846	Pay	0.00
550	551	Jai Hind TV	SD	Malayalam Regional	1847	FTA	0.00
551	552	Jeevan TV	SD	Malayalam Regional	1848	FTA	0.00
552	553	Media One TV	SD	Malayalam Regional	1849	FTA	0.00
553	554	Janam TV	SD	Malayalam Regional	1850	FTA	0.00
554	555	Kaumudy	SD	Malayalam Regional	1851	FTA	0.00
555	556	Raj News Malayalam	SD	Malayalam Regional	1853	FTA	0.00
556	557	Twenty four	SD	Malayalam Regional	1854	FTA	0.00
557	558	KITE Victers	SD	Malayalam Regional	1873	FTA	0.00
558	559	DD Malayalam	SD	Malayalam Regional	1874	FTA	0.00
559	560	Surya Music	SD	Malayalam Regional	1875	Pay	4.72
560	561	Raj Musix Malayalam	SD	Malayalam Regional	1877	FTA	0.00
561	562	Kappa TV	SD	Malayalam Regional	1878	FTA	0.00
562	563	Goodness	SD	Malayalam Regional	1885	FTA	0.00
563	564	God TV	SD	Malayalam Regional	1886	FTA	0.00
564	565	SHALOM TV	SD	Malayalam Regional	1887	FTA	0.00
565	566	Harvest TV 24x7	SD	Malayalam Regional	1888	FTA	0.00
566	567	Zee Punjabi	SD	Punjabi Regional	1903	Pay	3.54
567	568	PTC Punjabi	SD	Punjabi Regional	1906	FTA	0.00
568	569	MH One	SD	Punjabi Regional	1907	FTA	0.00
569	570	Pitaara TV	SD	Punjabi Regional	1911	FTA	0.00
570	571	PTC Punjabi Gold	SD	Punjabi Regional	1912	FTA	0.00
571	572	Zee Punjab Haryana Himachal Pradesh	SD	Punjabi Regional	1920	Pay	0.00
572	573	PTC News	SD	Punjabi Regional	1921	FTA	0.00
573	574	News18 Punjab Haryana Himachal	SD	Punjabi Regional	1922	Pay	0.00
574	575	India News Punjab	SD	Punjabi Regional	1923	FTA	0.00
575	576	India News Haryana	SD	Punjabi Regional	1924	FTA	0.00
576	577	Janta TV	SD	Punjabi Regional	1925	FTA	0.00
577	578	MH One News	SD	Punjabi Regional	1926	FTA	0.00

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
578	579	ANB News	SD	Punjabi Regional	1927	FTA	0.00
579	580	Living India News	SD	Punjabi Regional	1928	FTA	0.00
580	581	DD Punjabi	SD	Punjabi Regional	1935	FTA	0.00
581	582	PTC Chak De	SD	Punjabi Regional	1938	FTA	0.00
582	583	Tashan	SD	Punjabi Regional	1939	FTA	0.00
583	584	Balle Balle	SD	Punjabi Regional	1940	FTA	0.00
584	585	PTC Music	SD	Punjabi Regional	1941	FTA	0.00
585	586	Punjabi hits	SD	Punjabi Regional	1942	FTA	0.00
586	587	Chardikla Time TV	SD	Punjabi Regional	1945	FTA	0.00
587	588	PTC Simran	SD	Punjabi Regional	1946	FTA	0.00
588	589	Nepal 1	SD	Others	1951	FTA	0.00
589	590	Rang	SD	Others	1952	FTA	0.00
590	591	Rengoni TV	SD	Others	1953	FTA	0.00
591	592	Indradhanu	SD	Others	1961	FTA	0.00
592	593	DY 365	SD	Others	1970	FTA	0.00
593	594	News18 Assam North East	SD	Others	1971	Pay	0.00
594	595	News Live	SD	Others	1973	FTA	0.00
595	596	Protidin Time	SD	Others	1974	FTA	0.00
596	597	Prag News	SD	Others	1975	FTA	0.00
597	598	North East Live	SD	Others	1976	FTA	0.00
598	599	NKTV 24x7	SD	Others	1977	FTA	0.00
599	600	Hornbill TV	SD	Others	1978	FTA	0.00
600	601	DD Port Blair	SD	Others	1985	FTA	0.00
601	602	DD Arunprabha	SD	Others	1986	FTA	0.00
602	603	DD Manipur	SD	Others	1987	FTA	0.00
603	604	DD North East	SD	Others	1988	FTA	0.00
604	605	DD Kashir	SD	Others	1989	FTA	0.00
605	606	Ramdhenu	SD	Others	1990	FTA	0.00

HD channel

In [46]:

```
Hd_channel=TaSy_CH.groupby(by='HD/SD').get_group('HD')
Hd_channel
```

Out[46]:

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
1	2	Star Plus HD	HD	Hindi Entertainment	115	Pay	22.42
3	4	Star Bharat HD	HD	Hindi Entertainment	121	Pay	22.42
5	6	SET HD	HD	Hindi Entertainment	128	Pay	22.42
7	8	Sony SAB HD	HD	Hindi Entertainment	132	Pay	22.42
9	10	&TV HD	HD	Hindi Entertainment	137	Pay	22.42
11	12	Zee TV HD	HD	Hindi Entertainment	141	Pay	22.42
13	14	Colors HD	HD	Hindi Entertainment	147	Pay	22.42
32	33	Star World HD	HD	English Entertainment	202	Pay	10.62
34	35	Star World Premiere HD	HD	English Entertainment	206	Pay	10.62
35	36	Zee Caf? HD	HD	English Entertainment	210	Pay	22.42
37	38	Colors Infinity HD	HD	English Entertainment	214	Pay	10.62
39	40	Comedy Central HD	HD	English Entertainment	218	Pay	10.62
41	42	Disney International HD	HD	English Entertainment	221	Pay	14.16
42	43	Star Gold HD	HD	Hindi Movies	308	Pay	11.80
44	45	Sony Max HD	HD	Hindi Movies	312	Pay	20.06
47	48	Zee Cinema HD	HD	Hindi Movies	319	Pay	22.42
49	50	UTV HD	HD	Hindi Movies	322	Pay	9.44
54	55	&pictures HD	HD	Hindi Movies	331	Pay	22.42
56	57	Colors Cineplex HD	HD	Hindi Movies	344	Pay	5.90
63	64	Star Gold Select HD	HD	Hindi Movies	356	Pay	11.80
73	74	Star Movies HD	HD	English Movies	402	Pay	22.42
75	76	Sony Pix HD	HD	English Movies	406	Pay	17.70
77	78	&flix HD	HD	English Movies	412	Pay	22.42
79	80	Star Movies Select HD	HD	English Movies	418	Pay	11.80
80	81	Movies Now HD	HD	English Movies	420	Pay	14.16
82	83	MN+ HD	HD	English Movies	423	Pay	11.80
83	84	MNX HD	HD	English Movies	425	Pay	10.62
86	87	&prive HD	HD	English Movies	431	Pay	22.42
88	89	Star Sports 1 HD	HD	Sports	454	Pay	22.42
90	91	Star Sports 2 HD	HD	Sports	456	Pay	22.42
93	94	Star Sports 1 Hindi HD	HD	Sports	459	Pay	22.42
95	96	Star Sports Select 1 HD	HD	Sports	463	Pay	22.42
97	98	Star Sports Select 2 HD	HD	Sports	465	Pay	11.80

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
99	100	Sony Ten 1 HD	HD	Sports	470	Pay	22.42
101	102	Sony Ten 2 HD	HD	Sports	473	Pay	20.06
103	104	Sony Ten 3 HD	HD	Sports	475	Pay	20.06
105	106	Sony Six HD	HD	Sports	483	Pay	22.42
107	108	Eurosport HD	HD	Sports	495	Pay	7.08
111	112	DD News HD	HD	Hindi News	501	FTA	0.00
115	116	Aaj Tak HD	HD	Hindi News	508	Pay	1.77
128	129	Times Now Navbharat HD	HD	Hindi News	528	Pay	1.77
147	148	Times Now World (HD)	HD	English News	603	Pay	5.90
158	159	CNBC TV18 Prime HD	HD	English News	625	Pay	1.18
173	174	Nick HD+	HD	Kids	662	Pay	11.80
175	176	Cartoon Network HD+	HD	Kids	666	Pay	5.90
183	184	Baby TV HD	HD	Kids	684	Pay	1.18
191	192	National Geographic HD	HD	Knowledge & Lifestyle	708	Pay	11.80
193	194	Nat Geo Wild HD	HD	Knowledge & Lifestyle	711	Pay	5.90
195	196	Discovery HD World	HD	Knowledge & Lifestyle	713	Pay	7.08
197	198	Animal Planet HD World	HD	Knowledge & Lifestyle	716	Pay	3.54
200	201	History TV18 HD	HD	Knowledge & Lifestyle	720	Pay	8.26
202	203	Sony BBC Earth HD	HD	Knowledge & Lifestyle	724	Pay	11.80
205	206	Fox Life HD	HD	Knowledge & Lifestyle	753	Pay	1.18
209	210	TLC HD	HD	Knowledge & Lifestyle	759	Pay	3.54
213	214	TravelXP HD	HD	Knowledge & Lifestyle	765	Pay	10.62
216	217	Zee Zest HD	HD	Knowledge & Lifestyle	769	Pay	11.80
219	220	MTV HD+	HD	Music	806	Pay	5.90
224	225	MTV Beats HD	HD	Music	820	Pay	1.18
232	233	Vh1 HD	HD	Music	855	Pay	2.36
300	301	Colors Marathi HD	HD	Marathi Regional	1201	Pay	20.06
302	303	Zee Marathi HD	HD	Marathi Regional	1203	Pay	22.42
304	305	Star Pravah HD	HD	Marathi Regional	1207	Pay	17.70
309	310	Zee Talkies HD	HD	Marathi Regional	1225	Pay	22.42
323	324	Colors Bangla HD	HD	Bengali Regional	1302	Pay	16.52
325	326	Zee Bangla HD	HD	Bengali Regional	1306	Pay	22.42
327	328	Star Jalsha HD	HD	Bengali Regional	1309	Pay	22.42
334	335	Jalsha Movies HD	HD	Bengali Regional	1326	Pay	22.42

Sr. No.		Channel Name	HD/SD	Genre	EPG No.	FTA/Pay	MRP
351	352	Zee Telugu HD	HD	Telugu Regional	1403	Pay	22.42
353	354	Gemini TV HD	HD	Telugu Regional	1405	Pay	22.42
355	356	Star Maa HD	HD	Telugu Regional	1408	Pay	22.42
357	358	ETV HD	HD	Telugu Regional	1411	Pay	22.42
364	365	Gemini Movies HD	HD	Telugu Regional	1430	Pay	22.42
366	367	Star Maa Movies HD	HD	Telugu Regional	1432	Pay	22.42
369	370	Zee Cinemalu HD	HD	Telugu Regional	1437	Pay	18.88
402	403	Sun TV HD	HD	Tamil Regional	1503	Pay	22.42
405	406	Star Vijay HD	HD	Tamil Regional	1507	Pay	22.42
407	408	Zee Tamil HD	HD	Tamil Regional	1510	Pay	22.42
410	411	Colors Tamil HD	HD	Tamil Regional	1514	Pay	8.26
412	413	Jaya TV HD	HD	Tamil Regional	1517	Pay	7.08
427	428	KTV HD	HD	Tamil Regional	1540	Pay	22.42
451	452	Sun Music HD	HD	Tamil Regional	1579	Pay	22.42
464	465	Udaya TV HD	HD	Kannada Regional	1603	Pay	22.42
466	467	Colors Kannada HD	HD	Kannada Regional	1605	Pay	22.42
468	469	Star Suvarna HD	HD	Kannada Regional	1609	Pay	22.42
470	471	Zee Kannada HD	HD	Kannada Regional	1611	Pay	22.42
527	528	Surya TV HD	HD	Malayalam Regional	1802	Pay	22.42
529	530	Asianet HD	HD	Malayalam Regional	1806	Pay	22.42
532	533	Zee Keralam HD	HD	Malayalam Regional	1811	Pay	9.44
536	537	Mazhavil Manorama HD	HD	Malayalam Regional	1818	FTA	0.00

In [48]:

```
plt.figure(figsize=(16,9))
sns.set()
sns.distplot(TaSy_CH[ "MRP"],label="MRP",
             hist_kws={'color':'g','edgecolor' :
'brown','linewidth':10,'linewidth':5,'linestyle': '--',
            'alpha':0.999},
            kde_kws={'color':'Yellow','linewidth':10,'linestyle': '--
', 'alpha':0.999},
            rug=True,
            rug_kws={'color':'blue','linewidth':3,'linestyle': '--
', 'alpha':0.999}
)
```

```
plt.title("Histogram of MRP",color='m',fontsize=26)  
plt.show()
```

C:\Users\HP\anaconda3\lib\site-packages\seaborn\distributions.py:2557: FutureWarning: `distplot` is a deprecated function and will be removed in a future version. Please adapt your code to use either `displot` (a figure-level function with similar flexibility) or `histplot` (an axes-level function for histograms).

```
    warnings.warn(msg, FutureWarning)
```

C:\Users\HP\anaconda3\lib\site-packages\seaborn\distributions.py:2056: FutureWarning: The `axis` variable is no longer used and will be removed. Instead, assign variables directly to `x` or `y`.

```
    warnings.warn(msg, FutureWarning)
```

Histogram of MRP



In []: