Data Science Lab Eval -II Project (NETFLIX Dashboard)

Name: Kartik Kumar Koli

Roll no.: 102017030 Subgroup: 3CS2

R Queries:

Setting the current working directory where the dataset is located.

```
> setwd("E:/Kartik/Assignments/DS/Project")
> getwd()
[1] "E:/Kartik/Assignments/DS/Project"
> |
```

Reading and cleaning the data:

```
> data1<-read.csv("info1.csv",na.strings=c(""))
> data11<-data1[complete.cases(data1),]
> data2<-read.csv("info2.csv",na.strings=c(""))
> data21<-data2[complete.cases(data2),]
> data3<-read.csv("info3.csv",na.strings=c(""))
> data31<-data3[complete.cases(data3),]

> data4<-read.csv("info4.csv",na.strings=c(""))
> data4<-data4[complete.cases(data4),]
> |
```

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Import Dataset ▼	301 MiB ▼ 🧹	≣ List • © •
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Data		
O data1	999 obs. of 12 variables	
O data11	682 obs. of 12 variables	
O data2	1000 obs. of 12 variables	
O data21	683 obs. of 12 variables	
O data3	1001 obs. of 12 variables	
O data31	686 obs. of 12 variables	
O data4	3236 obs. of 12 variables	
O data41	1754 obs. of 12 variables	

Merging the data:

```
> data11<-rbind(data11,data21)
> data11<-rbind(data11,data31)
> data11<-rbind(data11,data41)
> |
```

Creating a csv file having complete data:

```
| > write.csv(data11,"netflix.csv") | > |
```

Uncleaned Data:

•	show_id [‡]	type [‡]	title	director	cast
- 5	00194209	Movie	Gabrier and the iviountain	Fellipe barbosa	лоао Редго Дарра
4	80191219	Movie	Lommbock	Christian Zübert	Lucas Gregorowic
5	81005091	TV Show	Love O2O	NA	Shuang Zheng, Ya
6	80169786	TV Show	Medal of Honor	NA	Oliver Hudson, Be
7	80190859	Movie	Outlaw King	David Mackenzie	Chris Pine, Aaron
8	80218634	TV Show	Super Drags	NA	Fernando Mendoi
9	81022683	TV Show	The Queen of Flow	NA	Carolina Ramírez,
10	80201862	TV Show	Westside	NA	NA
11	80114869	TV Show	Case	NA	Steinunn Ólína Þo
12	80989924	TV Show	Greatest Events of WWII in Colour	NA	NA
13	80057250	TV Show	Green Eggs and Ham	NA	Michael Douglas,
	70343445		100.000	D 1101 D CI 1	W11 B B C

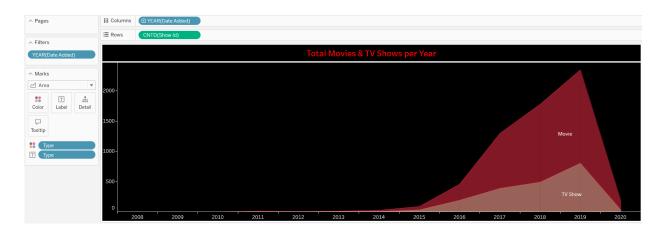
Cleaned Data:

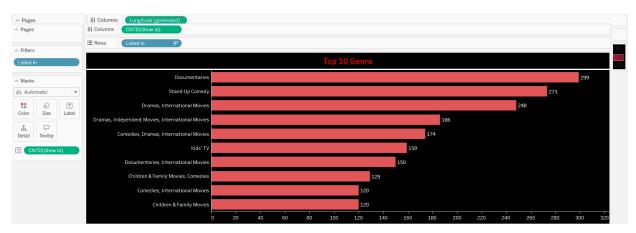
*	show_id [‡]	type [‡]	title	director	cast		
1	70206826	Movie	Victim of Beauty	Roger Young	William Devane,		
2	81029831	Movie	All's Well, End's Well (2009)	Vincent Kok	Louis Koo, Sandr		
3	80194289	Movie	Gabriel and the Mountain	Fellipe Barbosa	João Pedro Zapp		
4	80191219	Movie	Lommbock	Christian Zübert	Lucas Gregorowi		
7	80190859	Movie	Outlaw King	David Mackenzie	Chris Pine, Aaron		
14	70243445	Movie	Hit & Run	David Palmer, Dax Shepard	Kristen Bell, Dax		
15	80201542	Movie	Let It Snow	Luke Snellin	Isabela Moner, SI		
16	81079723	Movie	Paradise Beach	Xavier Durringer	Sami Bouajila, Te		
17	81003058	Movie	Hope Springs Eternal	Jack C. Newell	Mia Rose Frampt		
18	80236993	Movie	The Desert Bride	Cecilia Atán, Valeria Pivato	Paulina García, Cl		
19	80057565	Movie	The Sea of Trees	Gus Van Sant	Matthew McCon		

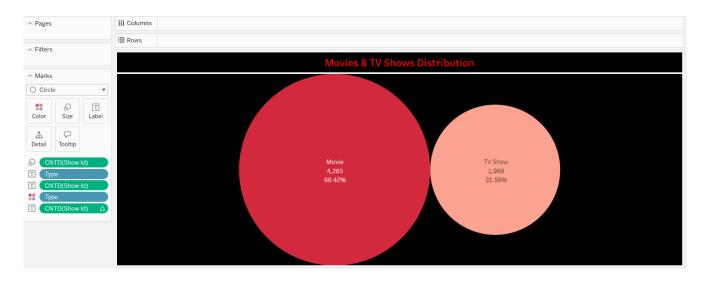
netflix.csv file:

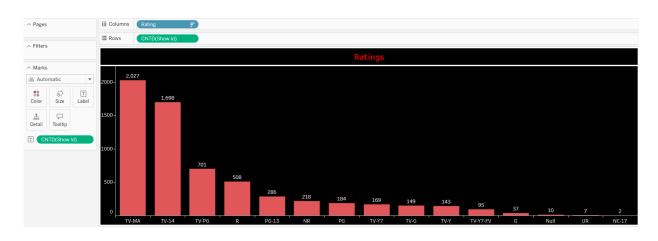
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4	А	В	С	D	E	F	G	Н		1 1	K	L		М	N	0	Р	Q	R	S	Т	U	V	W	Х	Υ	Z
1		show_id	type	title	directo	or cast	countr	y date_	adde rele	ase_yerating	duration	listed_in	n de	scription													
2		1 70206820	Movie	Victim o	f ERoger	You Willia	m D United	Sta Octob	er 1,	1991 NR	93 min	Dramas,	TAL	peauty pa	ageant w	inner is st	alked by a	serial kille	r who kidna	ps her siste	r and torm	ents her t	amily in th	is thriller ba	sed on a sh	ocking true	story.
3		2 8102983	1 Movie	All's We	II, Vincer	nt Kc Louis	Koo, Hong H	Cong Nover	nber	2009 TV-14	99 min	Comedie	es, Bo	und by a	family ru	le that for	bids him fr	om marry	ing until his	stubborn si	ster gets h	itched, a	bachelor e	nlists the he	p of a love	guru to wo	o her.
4		3 80194289	Movie	Gabriel	an Fellipe	BarJoãc	Ped Brazil,	Frai Nover	nber	2017 TV-M	132 min	Dramas,	, Ir In	a drama	based on	a true sto	ory, Brazilia	n backpad	ker Gabriel	Buchmann	spends his	gap year	exploring a	Africa. Why	does he die	in the Mal	awi mountains?
5		4 80191219	Movie	Lommbo	ck Christi	an Z Lucas	Greg Germa	ny Nover	nber	2017 TV-M	106 min	Comedie	es, Aft	ter findin	g love in	drug-free	Dubai, Stel	an return:	s to German	y to grab do	cuments f	or his we	dding. But	old buddy Ka	i's bad hab	its complic	ate things.
6		7 80190859	Movie	Outlaw	Kir David	Mac Chris	Pine, United	Kin Nover	nber	2018 R	122 min	Action &	& Aln	14th-cen	tury Scot	land, Robe	ert the Bruc	e claims t	he crown ar	d leads a fi	erce uprisi	ing to win	back the c	ountry's ind	ependence	from Englis	h rule.
7	1	4 70243445	Movie	Hit & Ru	in David	Paln Kriste	n Be United	Sta Nover	nber	2012 R	100 min	Action &	& A De	termined	to get h	is fiancé	e to L.A. to	take adv	antage of a	n amazing o	pportunity	, Charlie I	reaks out	of the witne	s protectio	on program	to drive her.
8	1	5 80201542	2 Movie	Let It Sn	ov Luke S	nell Isabe	la McUnited	Sta Nover	nber	2019 PG-13	93 min	Comedie	es, As	nowstor	m hits a :	small town	on a cold	Christmas	Eve, affect	ing the frier	dships, lo	ve lives a	nd futures	of several hi	gh school s	eniors.	
9	1	6 8107972	3 Movie	Paradise	e E Xavier	Dur Sami	Boua France	Nover	nber	2019 TV-MA	94 min	Action &	& A Me	ehdi gets	out of pr	ison, plan	ning to set	tle old sco	res. But firs	t, he must i	econnect i	with his g	ang, now li	ving in an id	yllic beach	resort in Th	alland.
10	1	7 8100305	3 Movie	Hope Sp	rir Jack C	. Ne Mia R	lose United	Sta Nover	nber	2018 PG	79 min	Dramas	W	nen a tee	n with te	rminal car	ncer miracu	lously fin	ds herself in	remission,	she strugg	gles to giv	e up the at	tention her	llness gave	e her at sch	ool.
11	1	8 8023699	Movie	The Des	er Cecilia	At Paulin	na Ga Argent	ina, Nover	nber	2017 TV-14	78 min	Dramas,	, Ir Wh	nile trave	ling acro	ss Argenti	na to a nev	w job, a lo	ngtime mair	encounter	s a salesm	an who o	pens her ey	es to life's	eauty and	possibilitie	s.
12	1	9 80057565	Movie	The Sea	of Gus Va	an S Matth	new MUnited	Sta Nover	nber	2015 PG-13	111 min	Dramas	AŁ	prooding	America	unable to	cope with	personal	crisis trave	s to "suicid	e forest" n	ear Moun	t Fuji, when	e he meets	a fellow los	st wanderer	
13	2	1 8100259	Movie	Yes or N	lo Sarats	wad Supar	art J Thailar	nd Nover	nber	2012 TV-PG	112 min	Internati	ior No	longer u	niversity	girls, Kim	and Pie fa	ce new hu	rdles in the	r relationsh	ip, includir	ng work, r	ew friends	and other d	stractions.		
14	2	2 8100259	7 Movie	Yes or N	lo Kirati I	Naki Supar	art J Thailar	nd Nover	nber	2015 TV-PG	107 min	Internati	ior Ro	ommate:	Wine a	nd Pie find	their lives	turned up	side down v	when two m	ore ladies	move in r	ext door, b	ringing up p	ast heartac	hes and ne	w attractions.
15	2	3 8014827	Movie	My Way	Anton	giuli Silvio	Berli Italy	Nover	nber	2016 TV-14	101 min	Documen	ent For	rmer Itali	an prime	minister 5	Silvio Berlu	sconi ope	ns up about	his life, inc	luding his :	sex scand	als, corrup	ion trials, a	nd friendsh	ip with Puti	n.
16	2	4 8012788	Movie	U Turn	Pawar	Kur Roger	Nar India	Nover	nber	2016 TV-14	121 min	Internati	ior A r	eporter r	nust hun	t for the tr	uth behind	a strange	murder afti	er she cross	es paths w	ith a you	ng cop and	becomes th	investiga	tion's prime	suspect.
17	2	6 8008049	1 Movie	Into the	Fc Patrici	a Rc Ellen	Page Canad	a Nover	nber	2015 R	102 min	Dramas,	, Ir In I	the near	future, tv	wo frighter	ned sisters	fight for s	urvival afte	losing the	r father du	ring a de	adly, quietl	y looming a	ocalypse.		
18	2	7 8004677	7 Movie	Krisha	Trey E	dwa Krisha	Fair United	Sta Nover	nber	2015 R	81 min	Dramas,	, Ir Aft	ter 10 ye	ars away	from her t	amily, Kris	ha returns	for Thanks	giving, but b	itter grudg	ges and tr	oubling ad	lictions thre	aten to ruir	the event.	
19	2	8 6002497	Movie	Jerry Sel	nf Christi	an (Jerry :	Seinf United	Sta Nover	nber	2002 R	81 min	Documen	ent Ch	ristian C	harles's o	documenta	ry follows	establishe	ed comedian	Jerry Seinf	eld and up	and-com	er Orny Ada	ms as they	navigate th	ne stand-up	circuit.
20	3	0 8017300	2 Movie	The Jour	ne Bronw	en F Ben S	chne United	Sta Nover	nber	2016 R	123 min	Dramas	Spi	irited 22-	year-old	activist ar	nd photojou	rnalist Da	n Eldon rus	nes to the fi	ontline of	a dangen	ous relief e	ffort for Som	allan refug	ees in this	blopic.
21	3	2 8109204	Movie	Burning	Ca Phillip	You Wend	lell P United	Sta Nover	nber	2019 TV-MA	78 min	Dramas	As	mall-tov	vn Louisia	ana minist	er and one	of his par	ishioners co	pe with gri	ef, alcoholi	sm and a	crisis of fa	ith in this di	amatic cha	racter stud	y.
22	3	4 8103460	Movie	Shadow	Zhang	Yim Deng	Chac China,	Hor Nover	nber	2018 TV-MA	116 min	Action &	& A As	three kir	ngdoms s	truggle fo	r control of	a walled	city, a figure	with a rare	power sp	ins a web	of intrigue	that entang	les a king's	s court.	
23	3	7 8105849	7 Movie	Seth Me	ye Neal B	ren Seth I	Meye United	Sta Nover	nber	2019 TV-MA	61 min	Stand-Up	p (SN	L alumnu	is and su	bversive n	naster of la	te-night T	V Seth Mey	ers comes o	ut from be	hind the	lesk to sha	re some ligh	thearted st	tories from	his own life.
24	3	8 8016762	Movie	The Lov	ers Azazel	Jac Aidan	Gille United	Sta Nover	nber	2017 R	98 min	Comedie	es, On	the very	e of divo	rce, a mid	dle-aged c	ouple, eac	h involved i	n a serious	affair, reth	ink their	marriage a	nd the mean	ing of love	and fidelity	r.
25	3	9 8116532	Movie	Tune in	for Jung Ji	-wo Kim G	io-eu South I	Core Nover	nber	2019 TV-MA	123 min	Dramas,	, Ir As	student a	nd a reti	cent teen	first meet a	t a baken	in the 199	s and try to	find each	other thr	ough the ye	ars, as fate	keeps pulli	ing them ap	art.
26	4	0 8105396	1 Movie	Underco	ve Leslie	Sma Micha	el Ja United	Sta Nover	nber	2019 R	85 min													from a divis			
27	- 4	2 8102984	Movie	Bucket I	is Tejas	Prab Madh	uri D India	Nover	nber	2018 TV-14	129 min	Dramas,	, Ir Aft	ter gettin	g a heart	transplan	t, a 40-yea	r-old hom	emaker in P	une makes	the life-ch	anging de	cision to co	mplete the	bucket list	of her 20-ye	ear-old donor.
28	4	4 80204460	Movie	Mubara	kai Anees	Baz Anil K	apoc India	Nover	nber	2017 PG-13	153 min	Comedie	es, Ch	aos ensu	es after	two orpha	ned twin b	others rai	sed apart te	am up with	their ecce	ntric, unn	narried unc	le to find a s	olution to t	their roman	tic woes.
29	4	5 7020926	7 Movie	A Holida	y Jim Fa	II Bonni	e Sor United	Sta Nover	nber	2011 TV-G	92 min	Children	8 Hil	ary's pla	n to hire	a good-los	oking guy t	o act as h	er boyfriend	backfires v	hen she b	rings him	home for t	ne holidays	o try and fe	ool her fam	ily.
30	4	6 70306305	Movie	Christm	as Marita	Gra Rache	el Bo: Canad	a, U Nover	nber	2012 TV-PG	87 min	Comedie	es, Tw	entysom	ething G	eorgia pin	es for her o	old boyfrie	nd and is th	rilled to hav	re a secon	d chance	at love whe	n she atten	is their hig	h school re	union.
31	4	7 7026283	Movie	Dear Sa	nta Jason	Prie: Amy	Acker Canad	a Nover	nber	2011 TV-PG	92 min													ts out to ma			

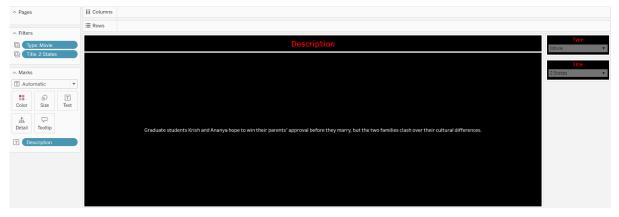
Tableau Worksheets:

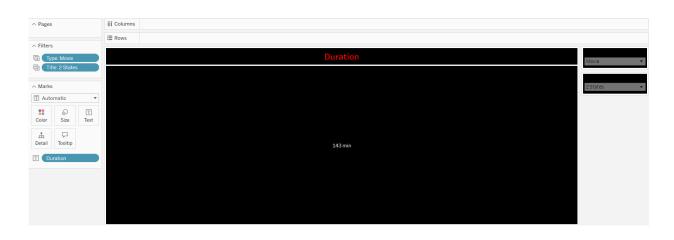


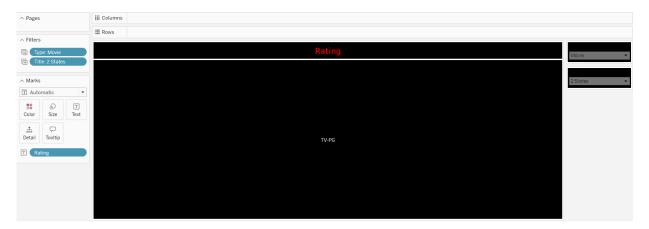


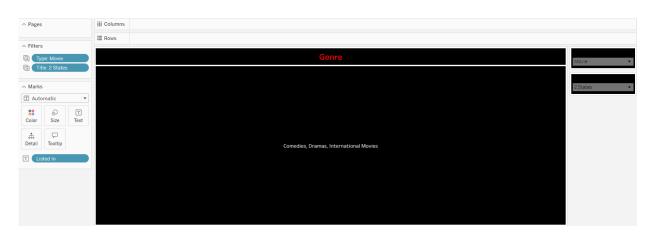


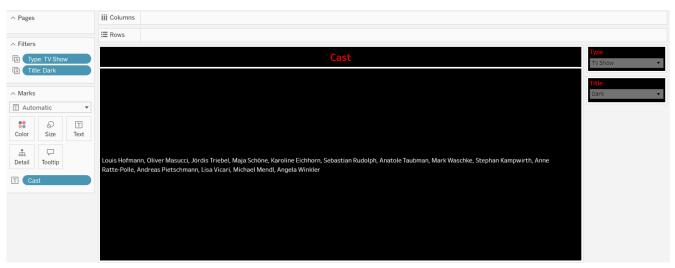












Final Dashboard:

