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### PROJECT DESCRIPTION

The objective of this project is to perform data analytics on a dataset containing various columns of different IMDb movies. The aim is to extract insights and patterns from the dataset that can help in understanding the factors that contribute to the success or failure of a movie.

# **Approach**

To achieve this objective, we will start with data cleaning and preprocessing. This will involve handling missing values, removing duplicates, and correcting errors in the dataset. Next, we will perform exploratory data analysis (EDA) to gain insights into the data. EDA will involve visualizing the data using graphs and charts to identify trends and patterns.

### **Tech-Stack**

EXCEL, SQL, Word, Ppt

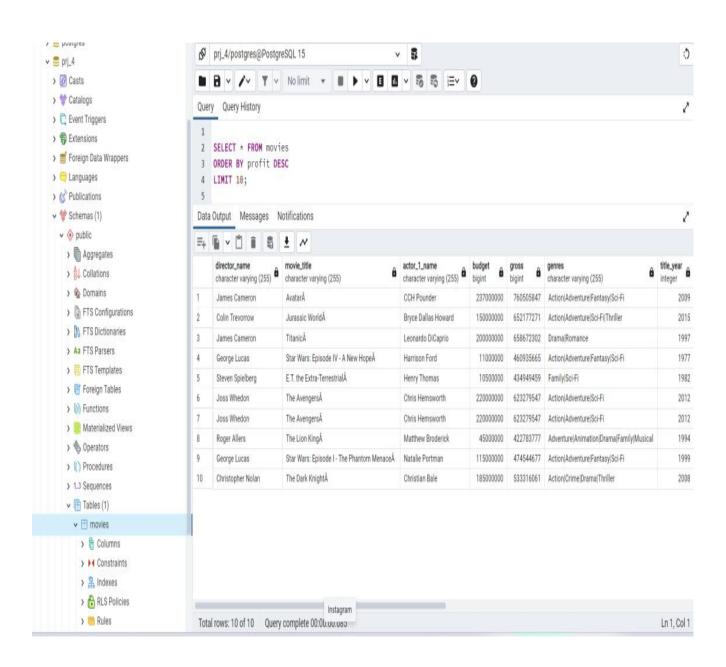
## 1.Clean Data:

# https://drive.google.com/file/d/1Zk3-

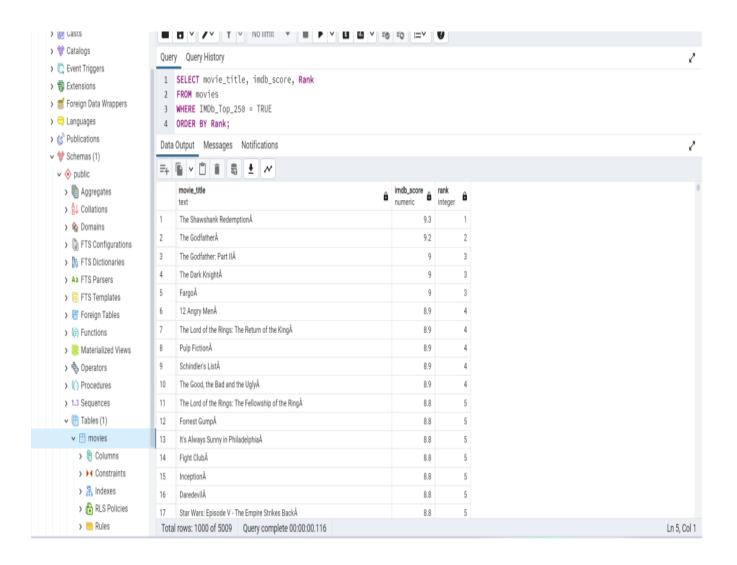
# $\underline{afRpByJ71loc7bGloB1X1hWuCbVW/view?usp=share\_link}$

director_name 🛂	movie_title	actor_1_name	▼ budget	▼ gross	*	genres *	title_ye -	languag 1	num_vc -	num_cr_*	num_user_for_reviews	_ movie_	→ imdb_s( →
mes Cameron	AvatarÅ	CCH Pounder	23700	0000	760505847	Action   Ad	2009	English	886204	723		3054 http://v	vw 7.9
ore Verbinski	Pirates of the Caribbean	Johnny Depp	30000	0000	309404152	Action Ad	2007	English	471220	302		1238 http://v	vw 7.1
am Mendes	SpectreÂ	Christoph Waltz	24500	0000	200074175	Action   Ad	2015	English	275868	602		994 http://v	vw 6.8
hristopher Nolan	The Dark Knight RisesÂ	Tom Hardy	25000	0000	448130642	Action Th	2012	English	1144337	813		2701 http://v	vw 8.5
loug Walker	Star Wars: Episode VII -	Doug Walker		0	0	Document	0	English	8	0		0 http://v	vw 7.1
ndrew Stanton	John CarterÂ	Daryl Sabara	26370	0000	73058679	Action Ad	2012	English	212204	462		738 http://v	vw 6.6
am Raimi	Spider-Man 3Å	J.K. Simmons	25800	0000	336530303	Action   Ad	2007	English	383056	392		1902 http://v	vw 6.2
lathan Greno	TangledÂ	Brad Garrett	26000	0000	200807262	Adventure	2010	English	294810	324		387 http://v	vw 7.8
oss Whedon	Avengers: Age of Ultron	Chris Hemsworth	25000	0000	458991599	Action Ad	2015	English	462669	635		1117 http://v	vw 7.5
David Yates	Harry Potter and the Ha	Alan Rickman	25000	0000	301956980	Adventure	2009	English	321795	375		973 http://v	vw 7.5
ack Snyder	Batman v Superman: Da	Henry Cavill	25000	0000	330249062	Action   Ad	2016	English	371639	673		3018 http://v	vw 6.9
Bryan Singer	Superman ReturnsÅ	Kevin Spacey	20900	0000	200069408	Action   Ad	2006	English	240396	434		2367 http://v	vw 6.1
Marc Forster	Quantum of SolaceÂ	Giancarlo Giannini	20000	0000	168368427	Action Ad	2008	English	330784	403		1243 http://v	vw 6.7
Gore Verbinski	Pirates of the Caribbean	Johnny Depp	22500	0000	423032628	Action   Ad	2006	English	522040	313		1832 http://v	vw 7.3
Gore Verbinski	The Lone RangerÂ	Johnny Depp	21500	0000	89289910	Action   Ad	2013	English	181792	450		711 http://v	vw 6.5
Zack Snyder	Man of SteelÂ	Henry Cavill	22500	0000	291021565	Action   Ad	2013	English	548573	733		2536 http://v	vw 7.2
Andrew Adamson	The Chronicles of Narni	Peter Dinklage	22500	0000	141614023	Action   Ad	2008	English	149922	258		438 http://v	vw 6.6
oss Whedon	The AvengersÅ	Chris Hemsworth	22000	0000	623279547	Action   Ad	2012	English	995415	703		1722 http://v	vw 8.1
Rob Marshall	Pirates of the Caribbean	Johnny Depp	25000	0000	241063875	Action   Ad	2011	English	370704	448		484 http://v	vw 6.7
Barry Sonnenfeld	Men in Black 3Å	Will Smith	22500	0000	179020854	Action   Ad	2012	English	268154	451		341 http://v	vw 6.8
eter Jackson	The Hobbit: The Battle	Aidan Turner	25000	0000	255108370	Adventure	2014	English	354228	422		802 http://v	vw 7.5
Marc Webb	The Amazing Spider-Ma	Emma Stone	23000	0000	262030663	Action   Ad	2012	English	451803	599		1225 http://v	vw 7
Ridley Scott	Robin HoodÂ	Mark Addy	20000	0000	105219735	Action   Ad	2010	English	211765	343		546 http://v	vw 6.7
eter Jackson	The Hobbit: The Desolar	Aidan Turner	22500	0000	258355354	Adventure	2013	English	483540	509		951 http://v	vw 7.9
Chris Weitz	The Golden CompassÂ	Christopher Lee	18000	0000	70083519	Adventure	2007	English	149019	251		666 http://v	vw 6.1
eter Jackson	King KongÂ	Naomi Watts	20700	0000	218051260	Action   Ad	2005	English	316018	446		2618 http://v	vw 7.2
ames Cameron	TitanicÂ	Leonardo DiCaprio	20000	0000	658672302	Drama   Ro	1997	English	793059	315		2528 http://v	vw 7.7
Anthony Russo	Captain America: Civil V	Robert Downey Jr.	25000	0000	407197282	Action Ad	2016	English	272670	516		1022 http://v	vw 8.2

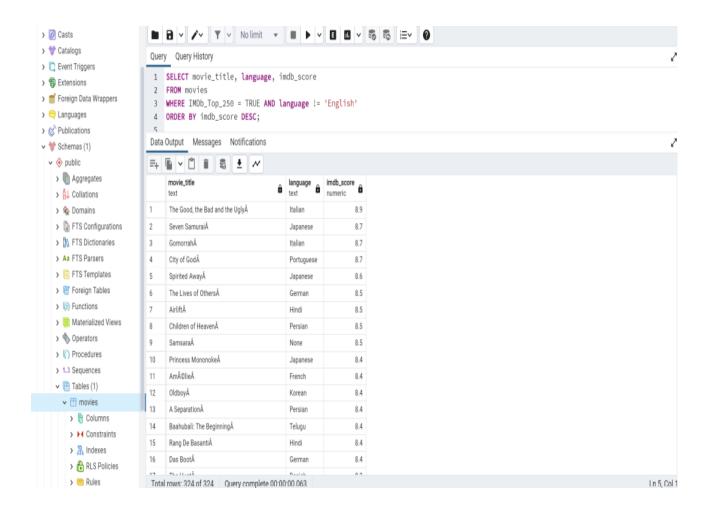
2. Movies with highest profit are given below along with sql queries run to find them



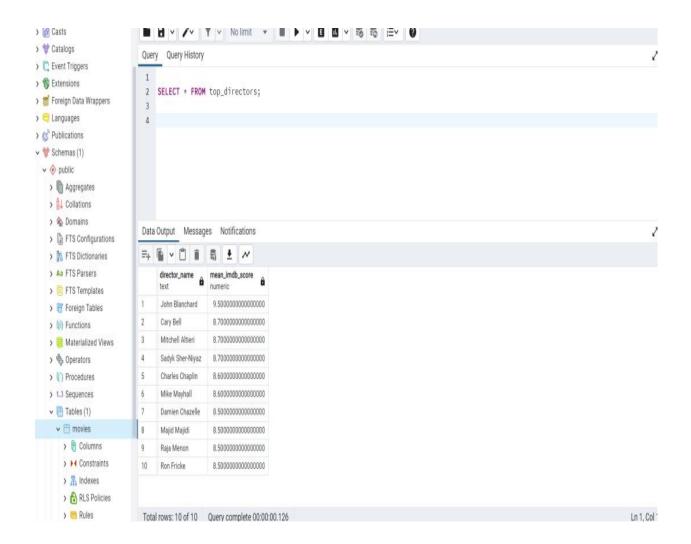
3. IMDB top 250 movies



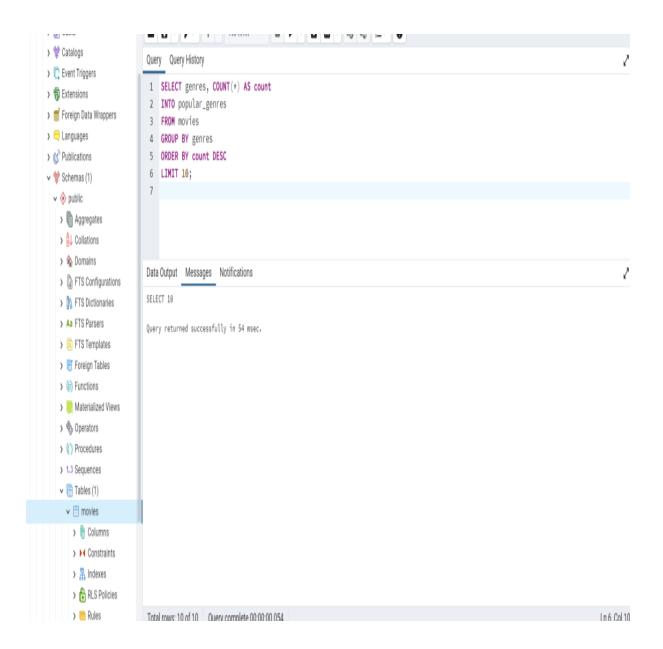
#### This is list of non English movies in the top 250 list

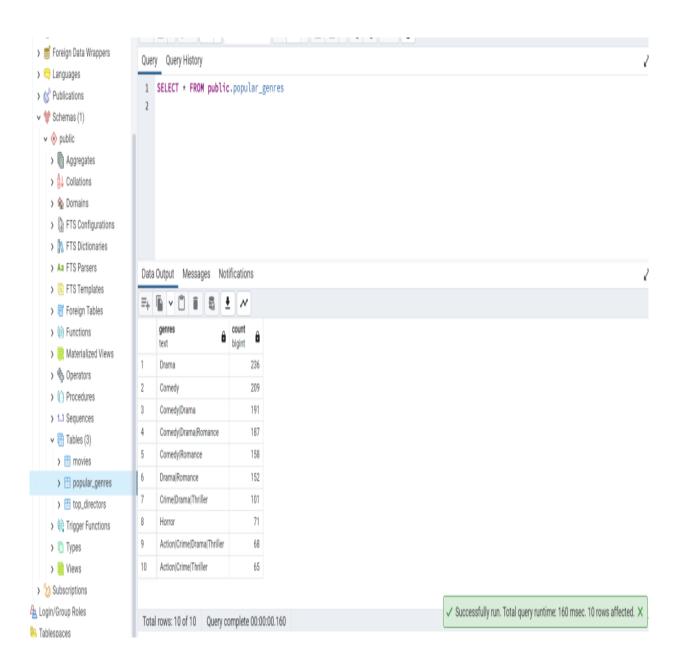


#### 4. Best director

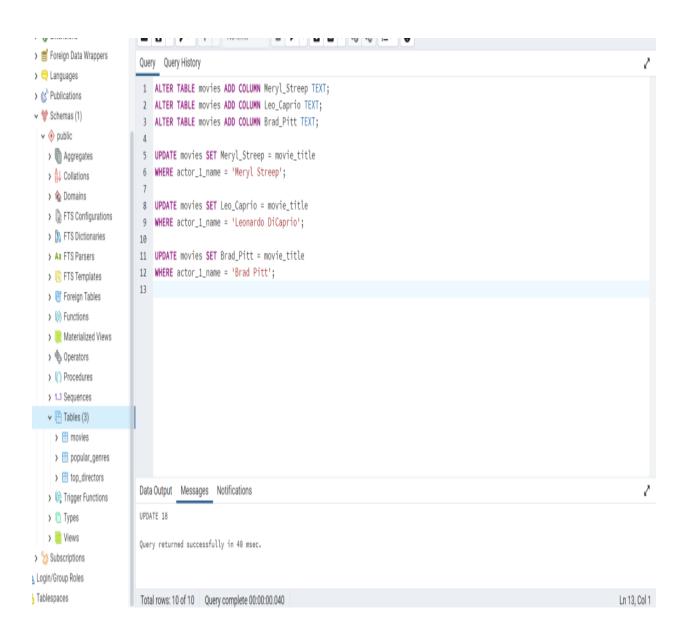


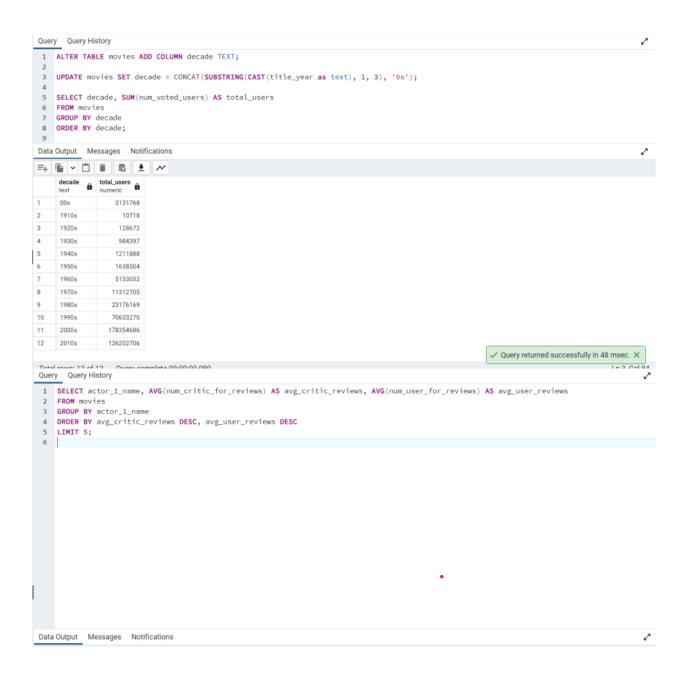
## 5. Finding the most popular genres

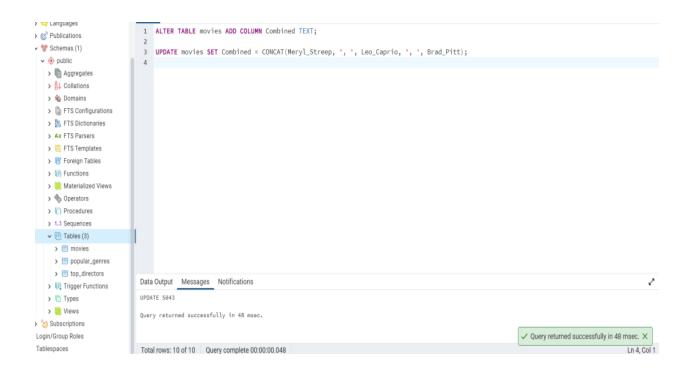




6. Finding the critic-favorite and audience-favorite actors Created 3 tables found out who is most liked by public and the critics







RESULTS:- All the results obtained are listed above