MOVIE LENS PROJECT

Q1a- How many movies were released until 2000?

3727
Count of movie_id

Q1b-How many distinct genres have come uptil the year 2020?
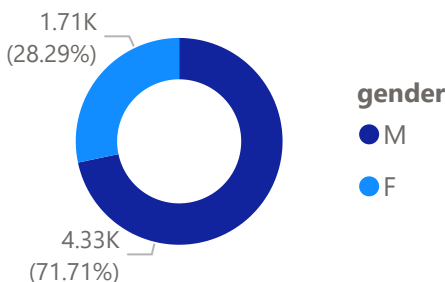
301
Count of genres

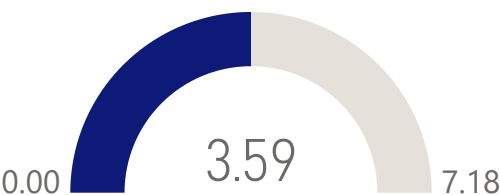**Q2a- How many users are part of the movie lens community?**
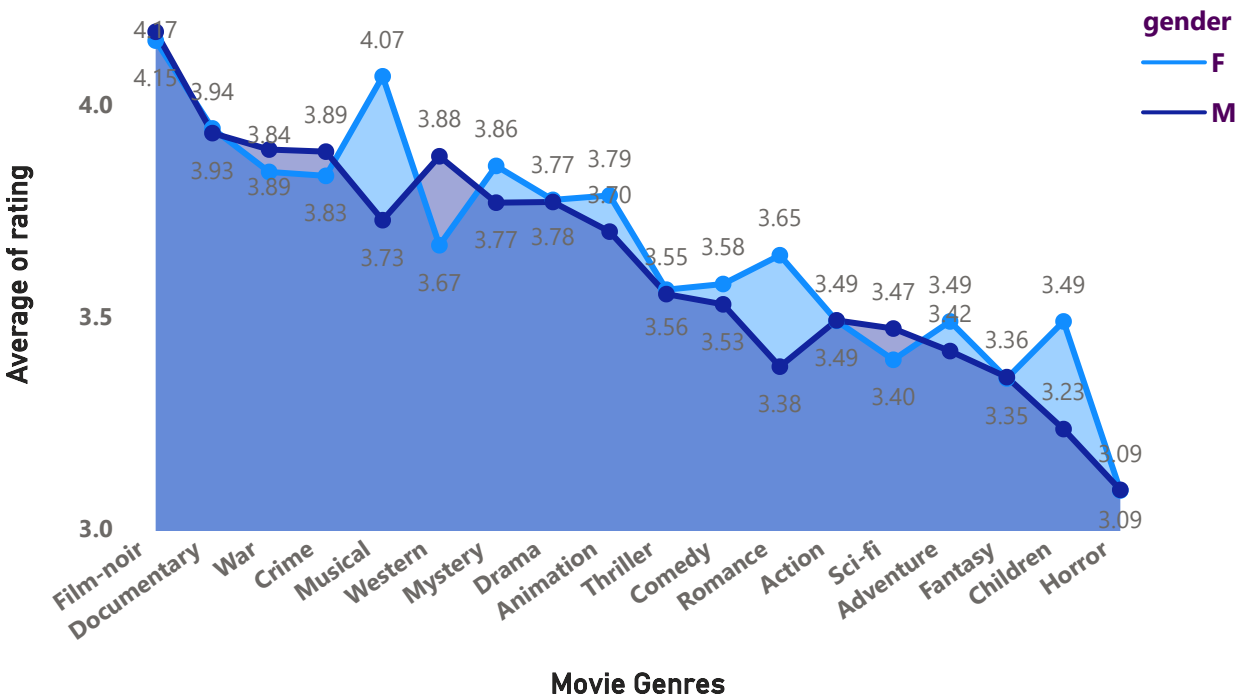
6040
Count of user_id

Q2b- Gender Diversity

1.71K (28.29%)
4.33K (71.71%)
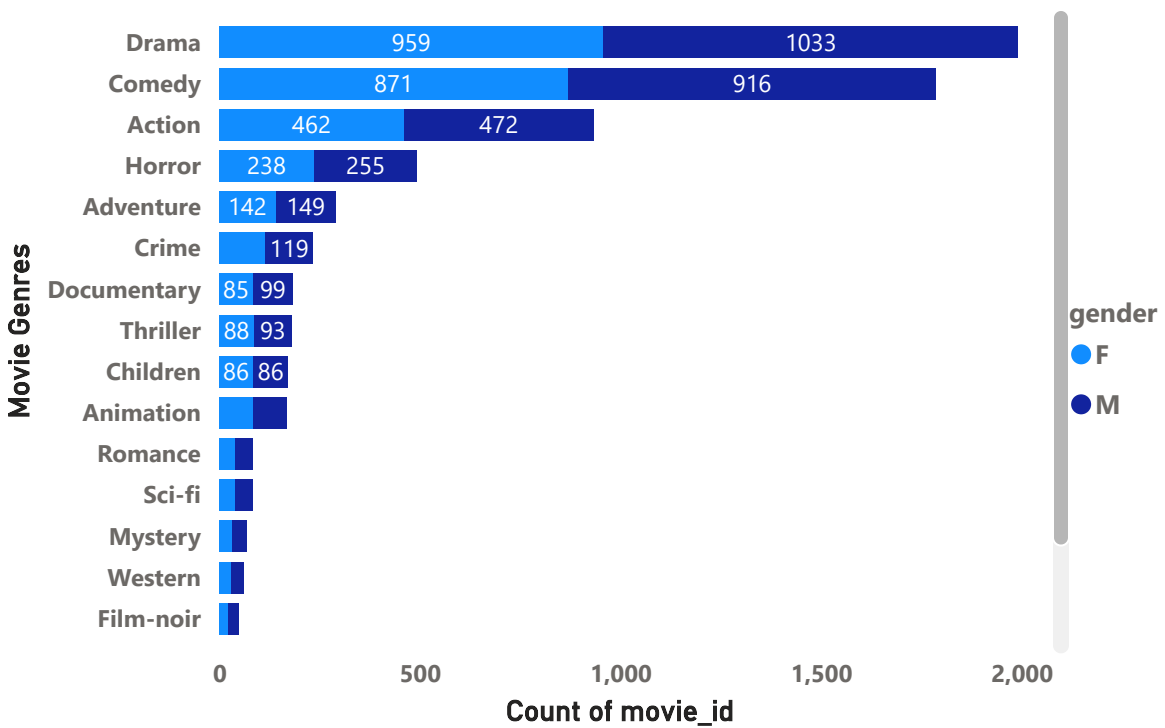
gender
- M
- F

Decade

All

Q4a-What's the average user rating for classic movies ,reflecting overall reception?

0.00   3.59   7.18

Q3- What are the genre preferences of different genders, highlighting user engagements?

gender
- F
- M

Average of rating

Movie Genres

Q4b-Distribution of movies across different genres?

Movie Genres	F	M
Drama	959	1033
Comedy	871	916
Action	462	472
Horror	238	255
Adventure	142	149
Crime		119
Documentary	85	99
Thriller	88	93
Children	86	86
Animation		
Romance		
Sci-fi		
Mystery		
Western		
Film-noir		

Count of movie_id

gender
- F
- M

occupation ⌄

- ☐ academic/educator
- ☐ artist
- ☐ clerical/admin
- ☐ college/grad student
- ☐ customer service
- ☐ doctor/health care
- ☐ executive/managerial
- ☐ farmer
- ☐ homemaker
- ☐ K-12 student
- ☐ lawyer
- ☐ other or not specified
- ☐ programmer
- ☐ retired
- ☐ sales/marketing
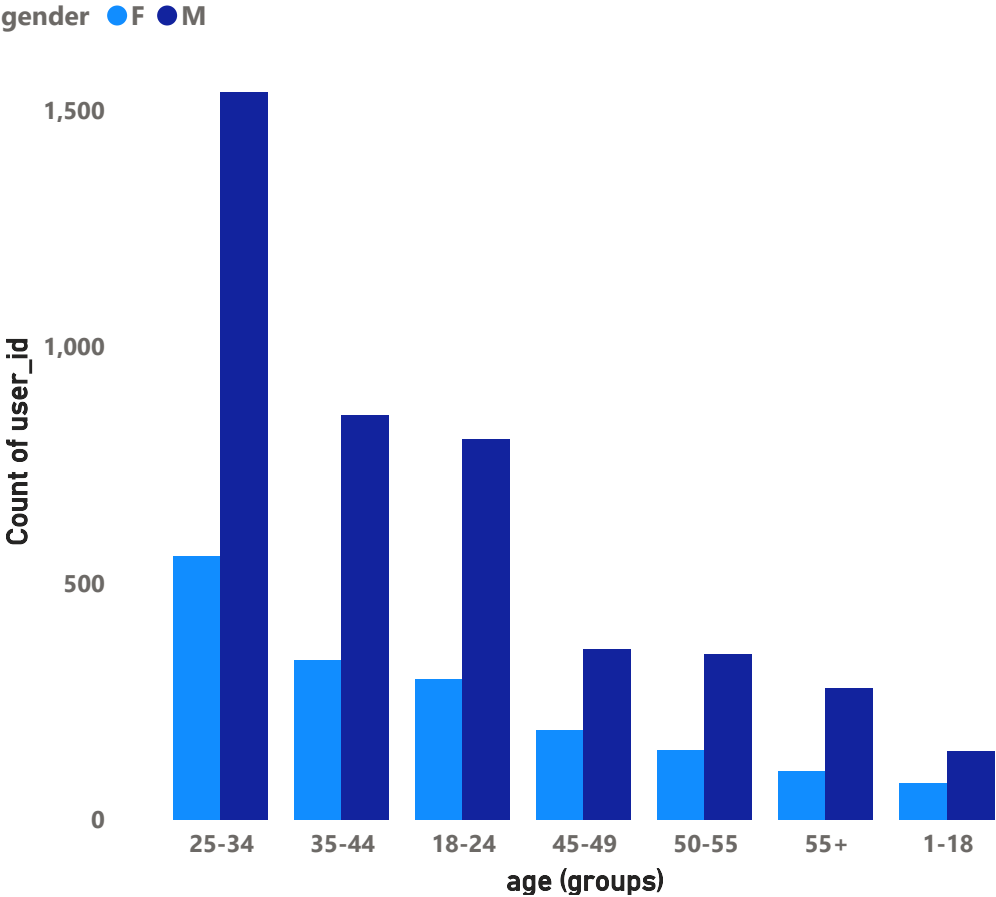- ☐ scientist
- ☐ self-employed
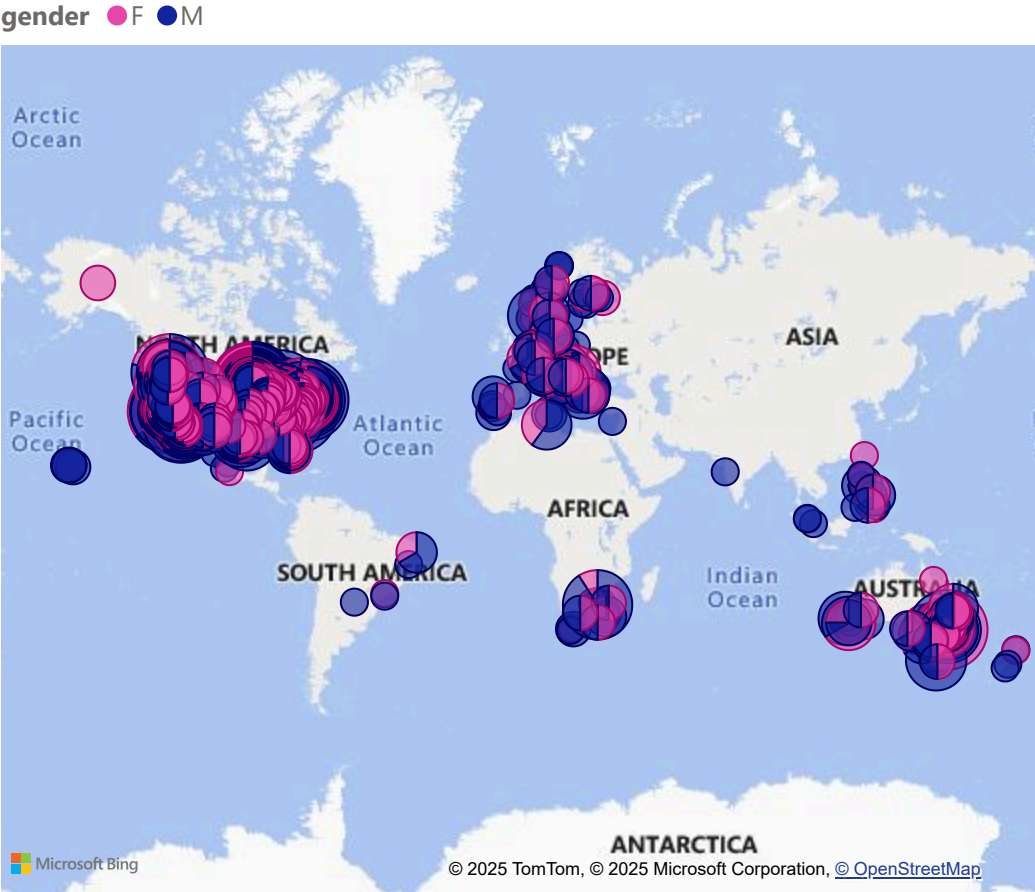- ☐ technician/engineer
- ☐ tradesman/craftsman
- ☐ unemployed
- ☐ writer

Q5a- Count of users by age group and gender?

gender ● F ● M

Q5b-Users by location

gender ● F ● M

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Q6-How users across different age groups and professions engage with classic movies

age (groups)	academic/educator	artist	clerical/admin	college/grad student	customer service	doctor/health care	executive/managerial	farmer	homemaker	K-12 studen
1-18	3.55	3.51		3.57			3.86	3.65		3.5
18-24	3.35	3.44	3.62	3.53	3.62	3.24	3.63	3.32	3.79	3.6
25-34	3.53	3.53	3.58	3.55	3.61	3.61	3.53	3.59	3.61	3.6
35-44	3.55	3.55	3.70	3.69	3.39	3.75	3.59	2.64	3.58	3.5
45-49	3.68	3.79	3.78	3.28	3.35	3.81	3.72	3.58	3.86	
50-55	3.74	3.92	3.73	3.74	3.76	3.65	3.67	3.44	3.95	
55+	3.77	3.96	4.00		4.05	3.75	3.81	3.37	3.69	3.3
Total	**3.58**	**3.57**	**3.66**	**3.54**	**3.54**	**3.66**	**3.60**	**3.47**	**3.66**	**3.5**

year

All ⌄

occupation

All ⌄

Movie Genres

All ⌄

age

All ⌄

Q7-Top rated movies and genres by movie genres and movie name?

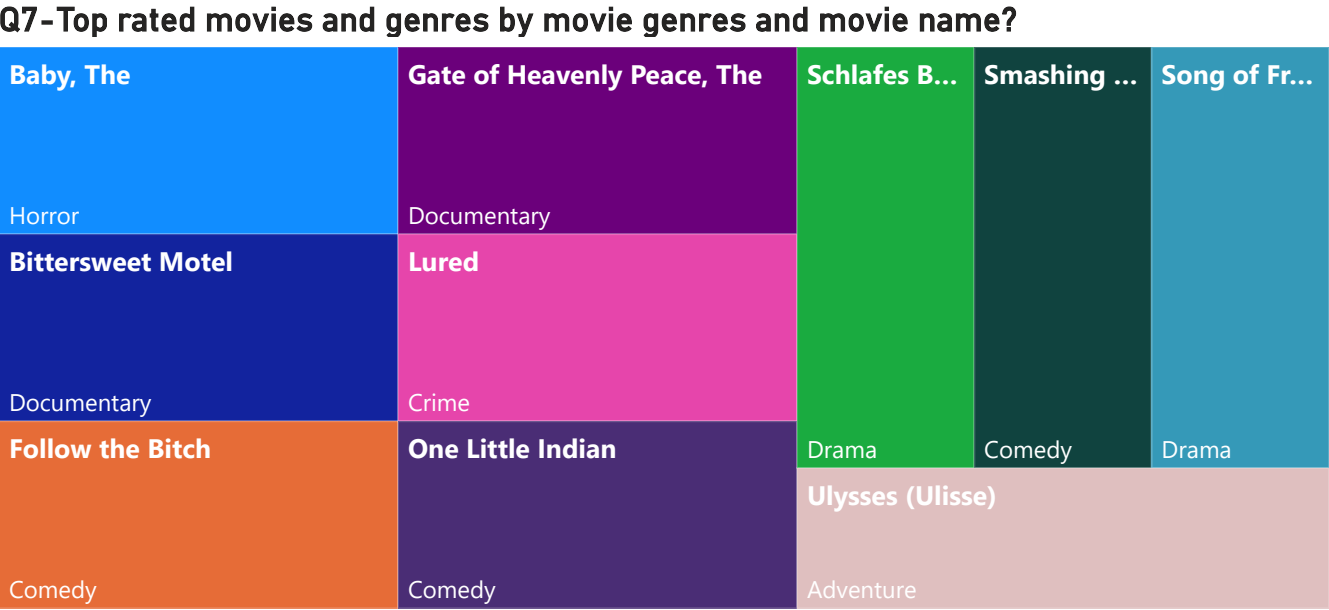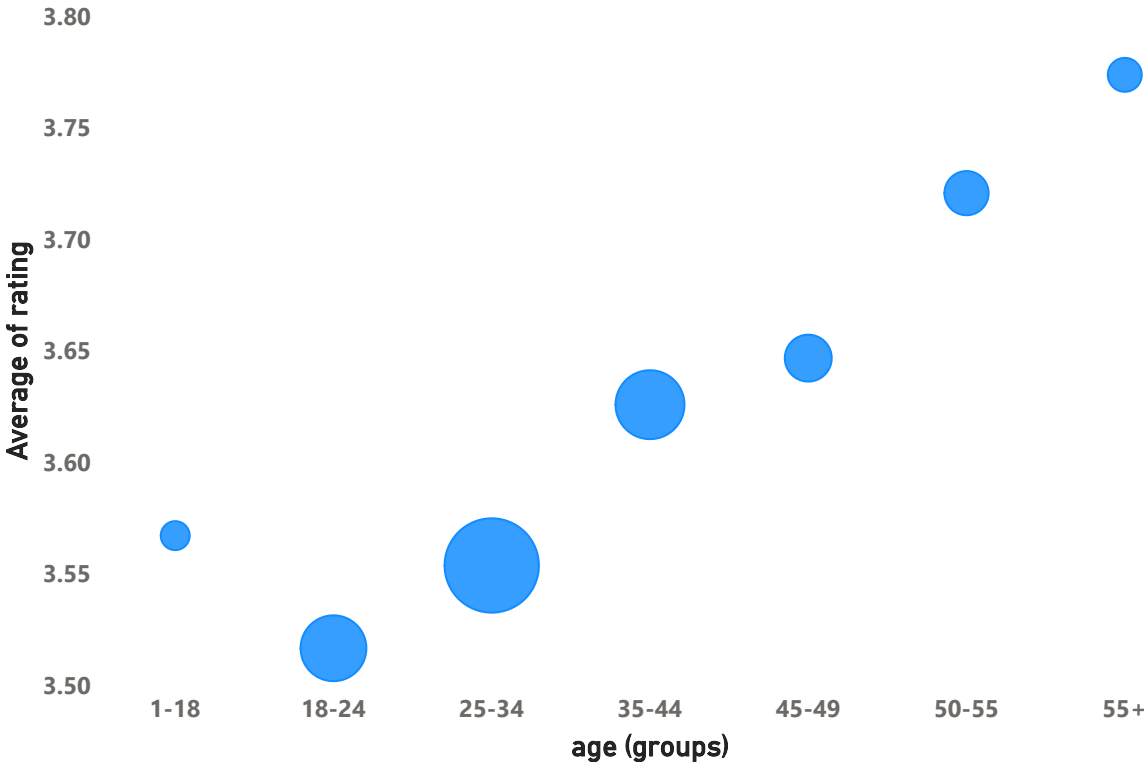| Baby, The | Gate of Heavenly Peace, The | Schlafes B... | Smashing ... | Song of Fr... |
Horror	Documentary			
Bittersweet Motel	Lured			
Documentary	Crime			
Follow the Bitch	One Little Indian	Drama	Comedy	Drama
		Ulysses (Ulisse)		
Comedy	Comedy	Adventure		

Q8a-Link between user age and the ratings and user volume by age groups?

Q8b- Average of rating by year(groups)?