

# MOVIE LENS

## (Graded Project)

Decades

1920s

1950s

1980s

1930s

1960s

1990s

1940s

1970s

1.1 Total number of movies released until the year 2000

3883

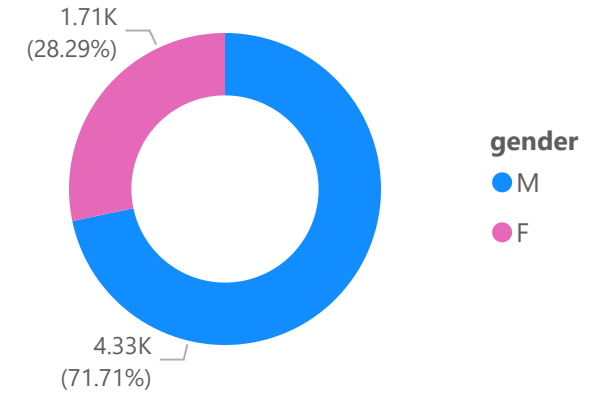
1.2 Total Number of Distinct Genres till 2020

301

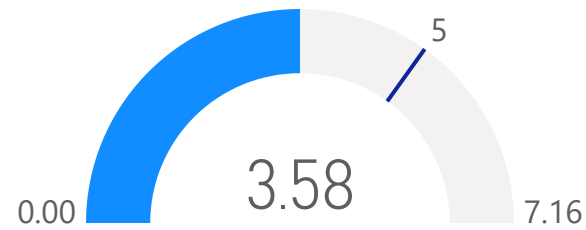
2.1 Total number of users who are a part of the movie lens community

6040

2.2 Gender Distribution among Users

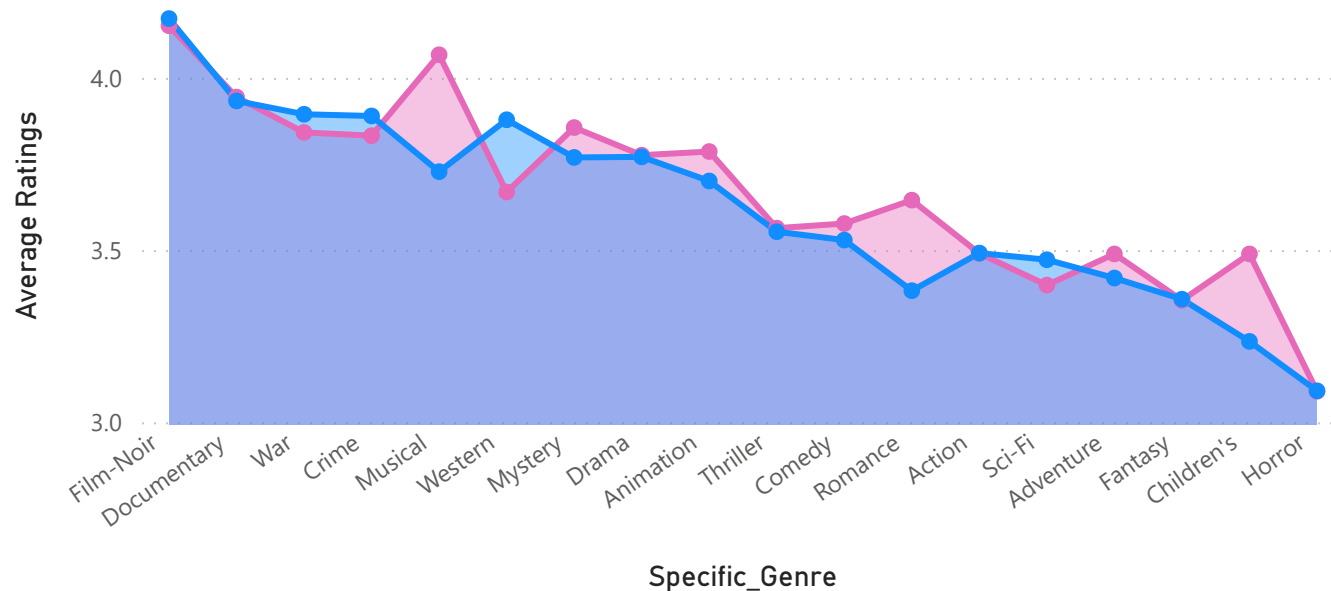


4.1 Average Ratings vs Maximum Rating



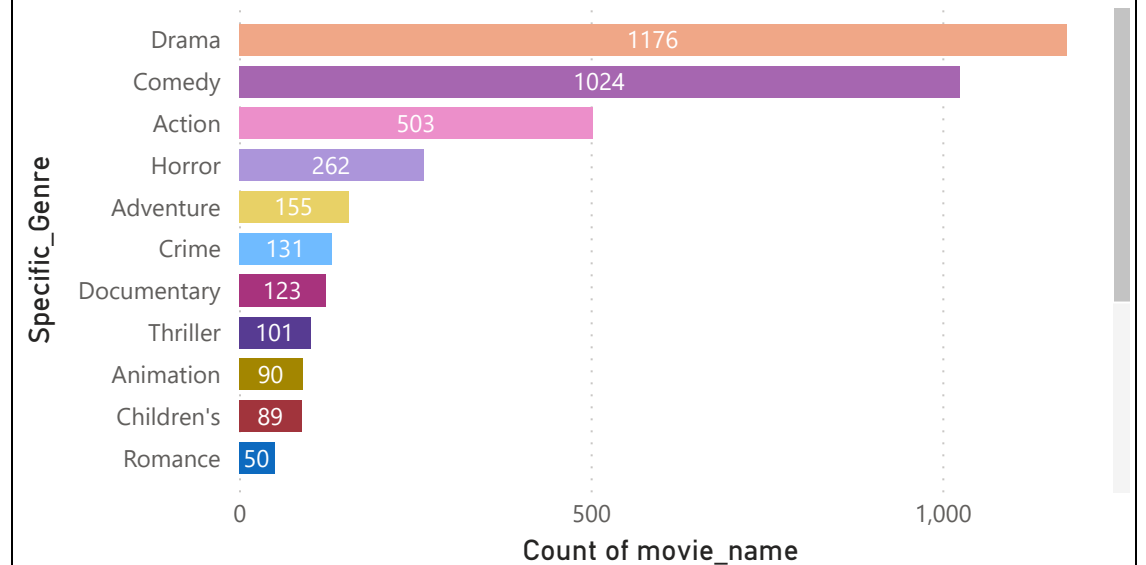
3 Average of Ratings by Specific\_Genre and gender

gender ● F ● M



4.2 Distribution of Movies across different Genres

Specific\_Genre ● Drama ● Comedy ● Action ● Horror ● Adventure ● Crime



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age\_grp

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35-44

18-24

45-54

25-34

55+

occupation

academic/educator

artist

clerical/admin

college/grad student

customer service

doctor/health care

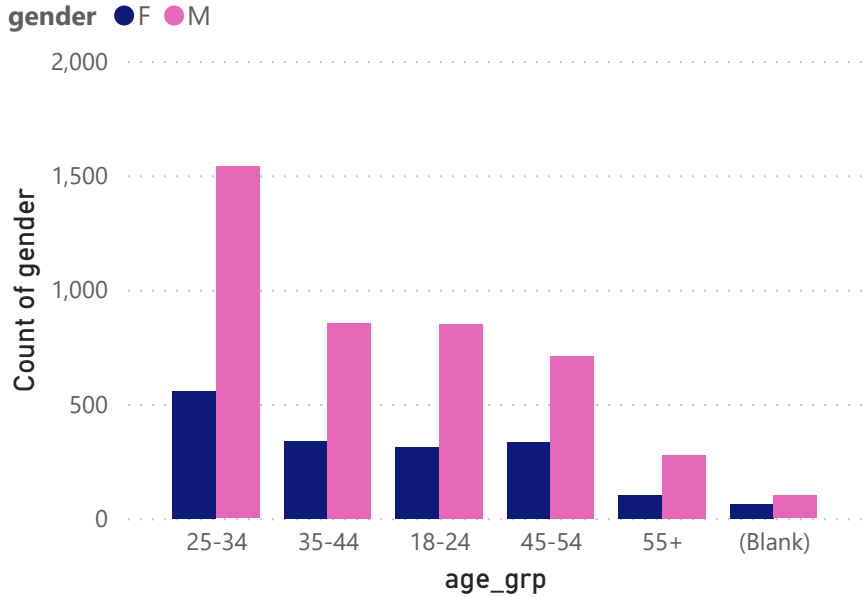
executive/managerial

farmer

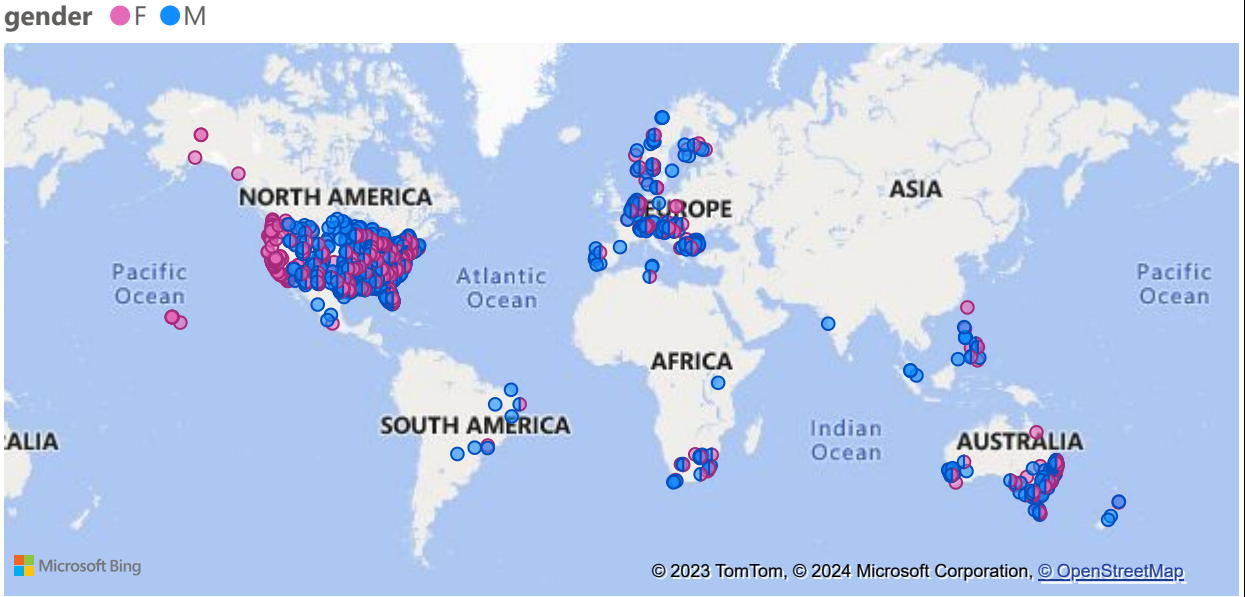
homemaker

K-12 student

5.1 Demographic distribution of users across gender



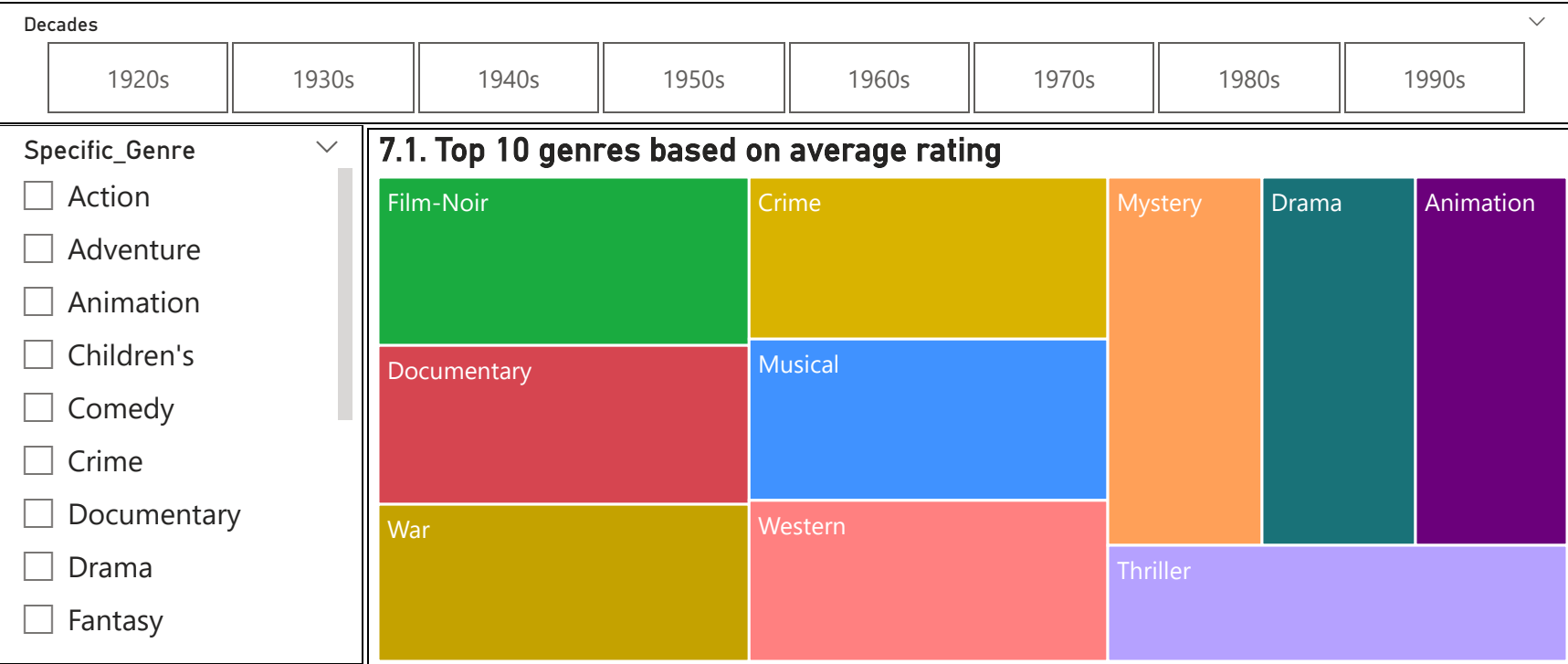
5.2 Demographic distribution of users across globe



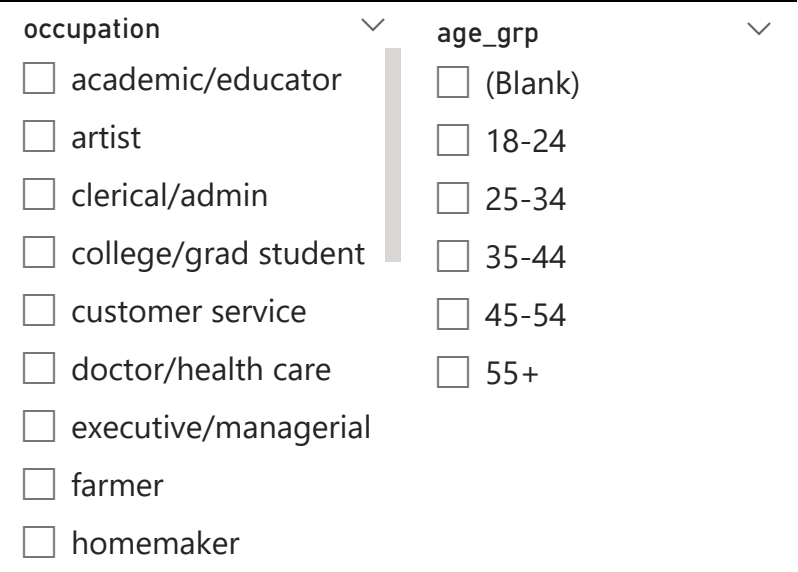
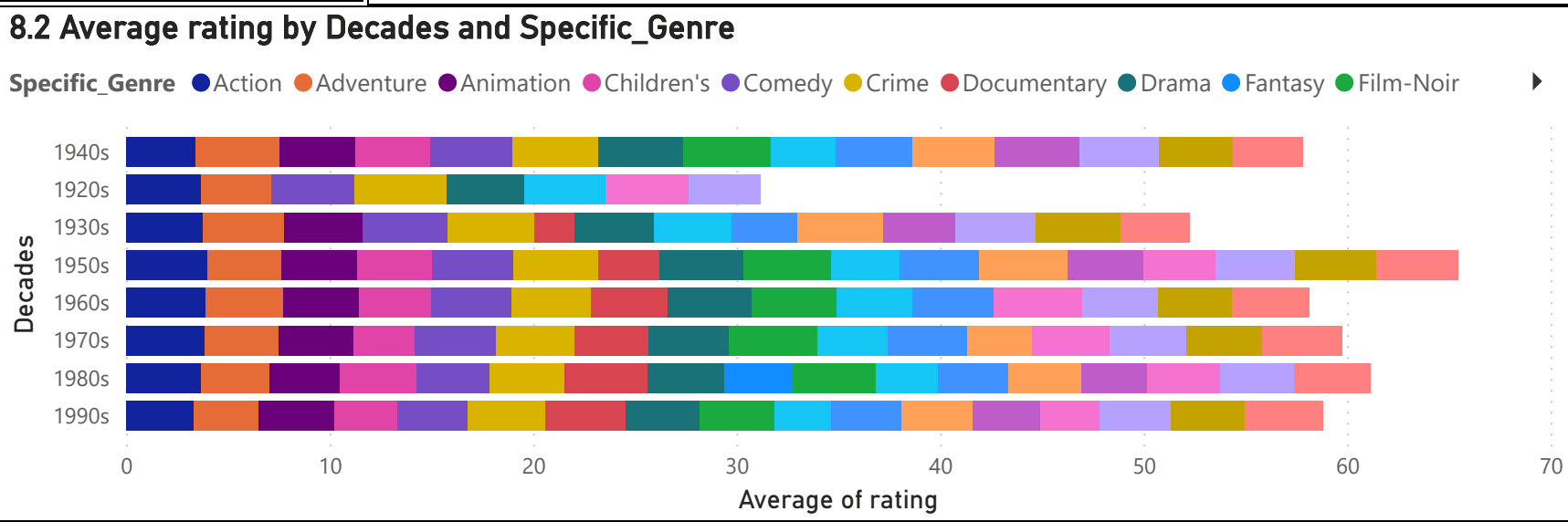
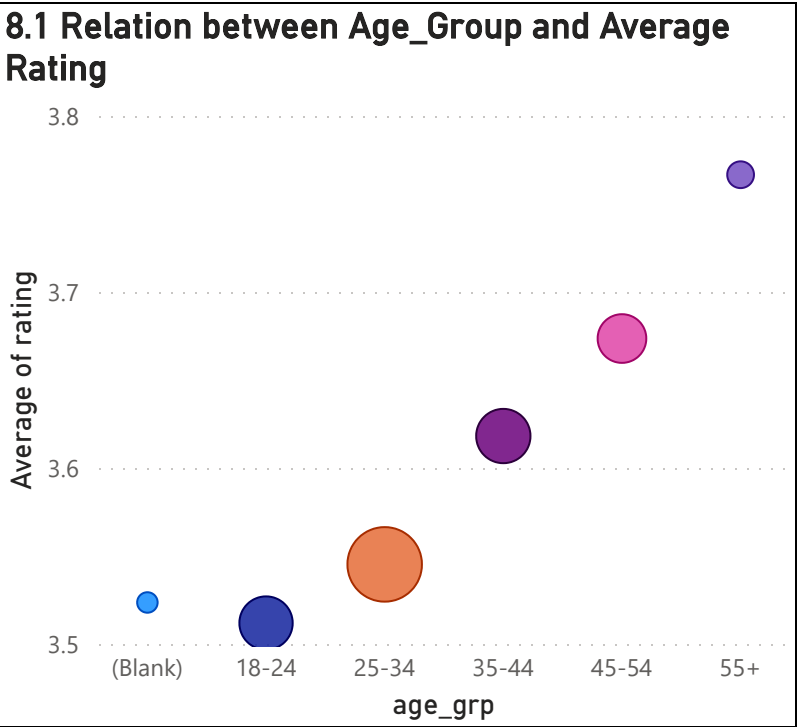
6. Average Ratings across professions and age groups

age\_grp academic/educator artist clerical/admin college/grad student customer service doctor/health care executive/managerial farmer homemaker K-12 student

age_grp	academic/educator	artist	clerical/admin	college/grad student	customer service	doctor/health care	executive/managerial	farmer	homemaker	K-12 student
18-24	3.37	3.44	3.62	3.53	3.62	3.24	3.64	3.52	3.79	
25-34	3.53	3.53	3.58	3.55	3.61	3.61	3.53	3.59	3.61	
35-44	3.55	3.55	3.70	3.69	3.39	3.75	3.59	2.64	3.58	
45-54	3.71	3.84	3.76	3.58	3.45	3.71	3.70	3.53	3.89	
55+	3.77	3.96	4.00		4.05	3.75	3.81	3.37	3.69	



7.1. Top 10 genres based on average rating



age\_grp

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☐ 18-24

☐ 25-34

☐ 35-44

☐ 45-54

☐ 55+