1-2) top 10 movies

Print a list of the 10 movies that received the most number of ratings.
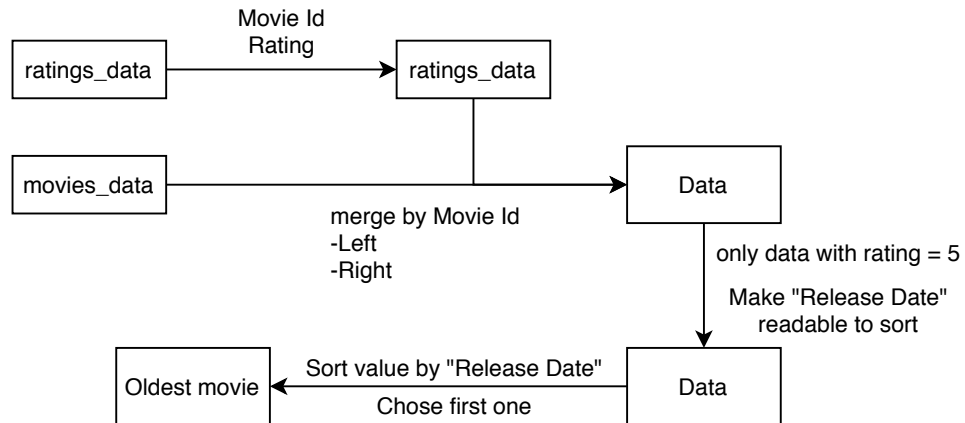
ratings_data → **Group by Id** → ratings_data → **Count how many "rating" Pick the 10 largest** → ratings_data

movies_data → **Movie Id Movie title** → movies_data → **Merge by Movie Id** → Top 10 movies
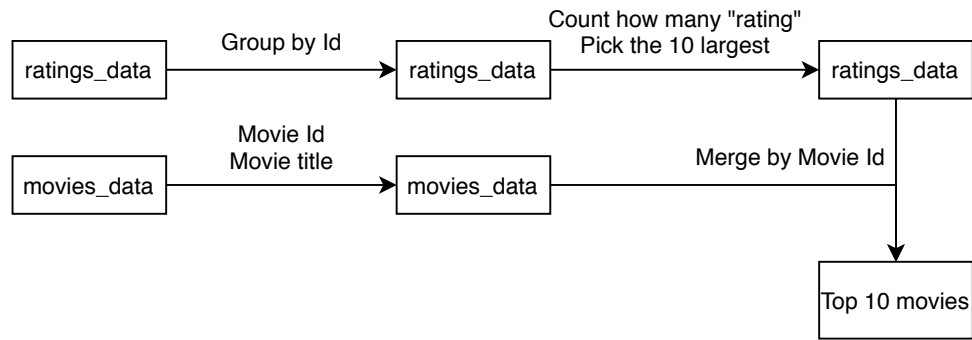
3) List of ratings by genre

Text

Print a list of the number of ratings received by each genre.

Text

ratings_data, movies_data → **Merge by Movie Id -left -right** → Data → **sum each genre column** → Number of ratings

users_data
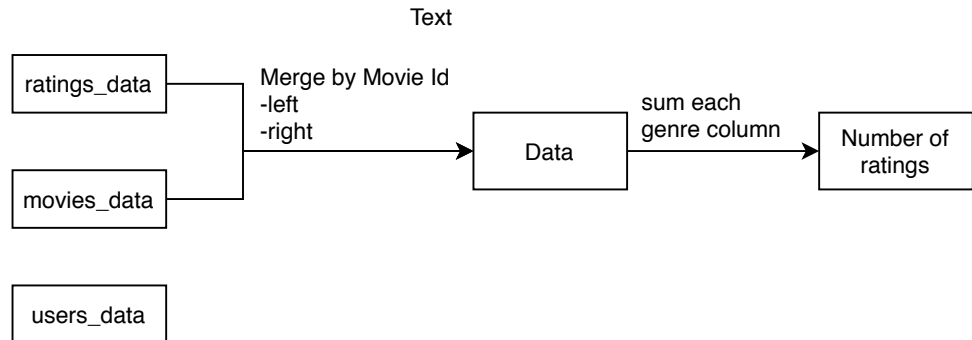
4) Print oldest movie

Print the oldest movie with a "5" rating.

ratings_data → **Movie Id Rating** → ratings_data

movies_data → **merge by Movie Id -Left -Right** → Data

Data → **only data with rating = 5 Make "Release Date" readable to sort** → Data

Data → **Sort value by "Release Date" Chose first one** → Oldest movie

5) Print genres of top 10

Print a list of the genre of the top 10 most rated movies.

ratings_data → **merge by Movie Id -Left -Right** → ratings_data

movies_data → Data

ratings_data → **Count Movie Id** → top ratings

Data → **Filter by genres to include only genres** → Data

top ratings → **Loop each genre** → Top 10 by genres

Data → **-Match genre with value -If value = 1 add to list** → Top 10 by genres
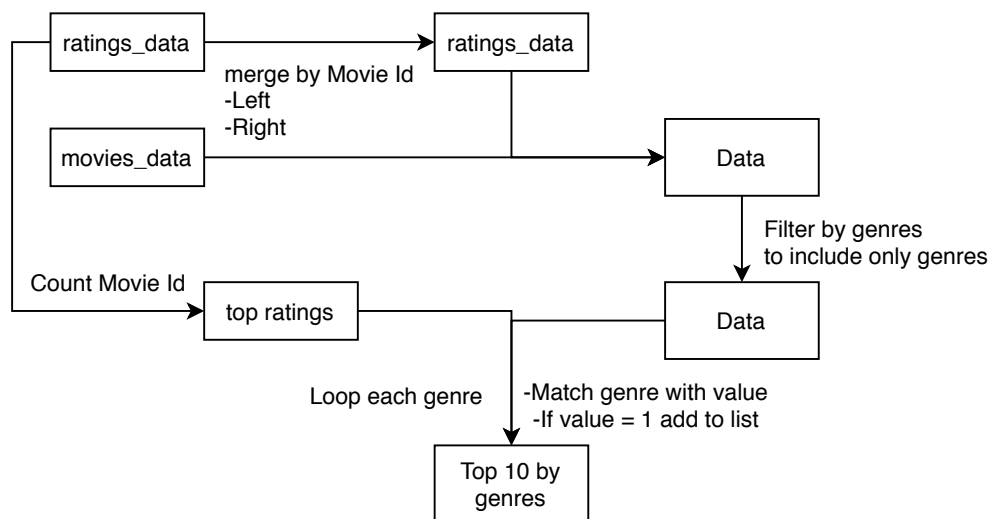
6) Print most rated movie

Print the title of the movie that was rated the most by students

users_data	Filter by Occupation = student	student_data
ratings_data	Filter by User Id in student data	Data
movies_data	Count by Movie Id	top_movie

Most rated movie

match by Movie Id
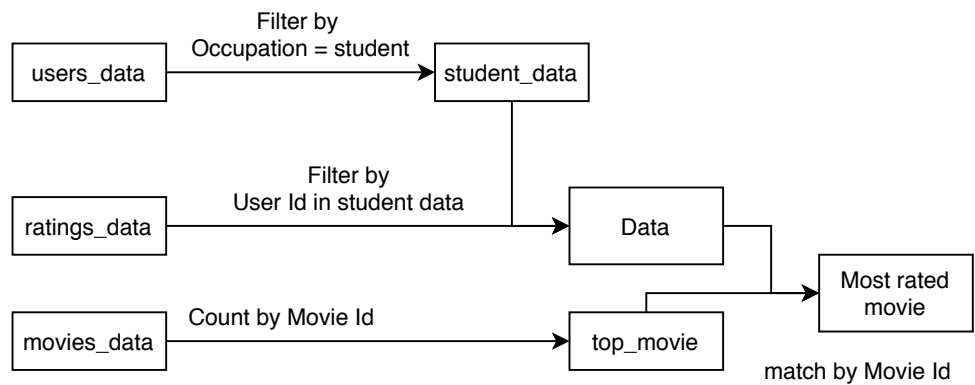
7) Print movies highest ratings

Print the list of movies that received the highest number of "5" rating

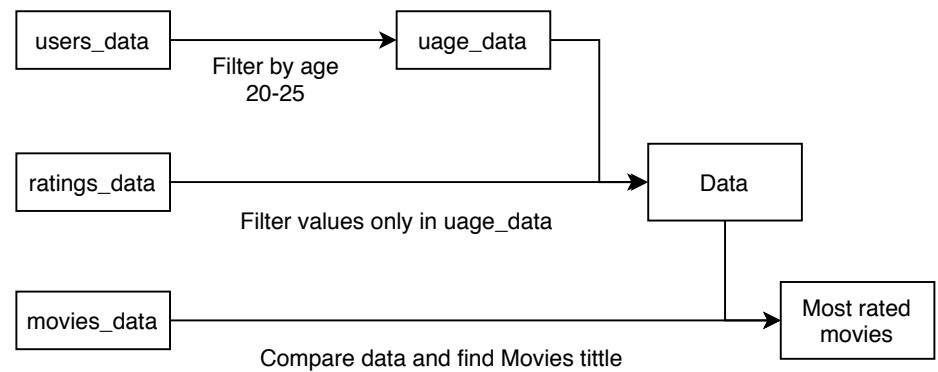| ratings_data | Filter by Ratings = 5 Count how many | ratings_5_data |
| movies_data | Loop each ratings data -Movie Id | Data |
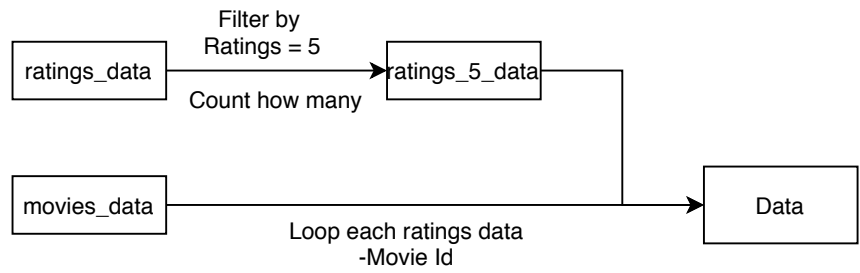
8) Print Zip codes

Print the list of zip codes corresponding to the highest number of users that rated movies.

| users_data | Group by -Zip code | users_data | Set | users_data |
| ratings_data | set by User Id | User data | Count and select 10 largest | |

Zip code data
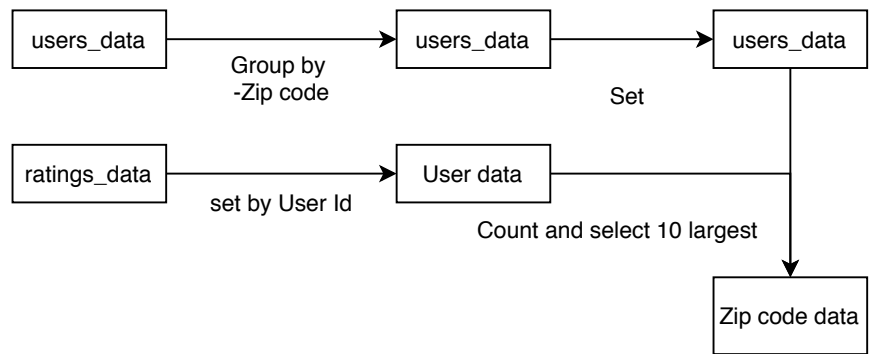
9) Print most rated by group 20-25

Find the most rated movie by users in the age group 20 to 25.

users_data	Filter by age 20-25	uage_data
ratings_data	Filter values only in uage_data	Data
movies_data	Compare data and find Movies tittle	Most rated movies

10) Print rated after year 1960

Print the list of movies that were rate after year 1960.

| ratings_data | Convert Data from timestamp | ratings_data |

Filter by year after 1960

ratings_data

| movies_data | Match movies with ratings data by Id | Data |